

Review

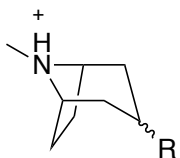
# Alkaloids of the genus *Datura*: review of a rich resource for natural product discovery

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## Electronic Supplementary Material

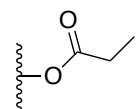
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**Table S1: Monosubstituted Tropane Alkaloids Described in *Datura*.**

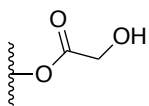
R =	Stereochemistry at position 3 (and common name and number)	Species found in	References (see main text for reference numbers)
OH	$\alpha$ (tropine, $\alpha$ -10) <sup>b</sup>	All (some variation in varieties), including some transformed root cultures	22, 39, 40, 61, 64, 67, 68, 72, 73, 75, 76, 114-115, 118, 128, 130, 146, 152
OH	$\beta$ (Pseudotropine, $\beta$ -10)	<i>D. inoxia</i> (including root cultures), <i>D. discolor</i> , <i>D. ferox</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> , <i>D. stramonium</i> (including hairy root cultures), <i>D. ceratocaula</i> , <i>D. quercifolia</i> (root cultures)	22, 39, 40, 61, 64, 67, 68, 73, 113-114, 118, 130, 152
OAc	$\alpha$ ( $\alpha$ -24)	<i>D. inoxia</i> (including root cultures), <i>D. leichhardtii</i> ssp. <i>pruinosa</i> (isomer unspecified), <i>D. stramonium</i> (isomer unspecified, including hairy root cultures), <i>D. quercifolia</i> (root cultures), <i>D. ceratocaula</i> (isomer unspecified). <i>D. wrightii</i> root cultures	39, 40, 61, 64, 67, 68, 72, 73, 113-114, 118, 128, 146, 152
OAc	$\beta$ ( $\beta$ -24)	<i>D. inoxia</i> , <i>D. stramonium</i> (root cultures), <i>D. wrightii</i> root cultures	39, 102, 128
=O	N/A (tropinone, 19)	<i>D. leichhardtii</i> and ssp <i>pruinosa</i> , <i>D. metel</i> (var. <i>fastuosa</i> ), <i>D. inoxia</i> (including root cultures), <i>D. stramonium</i> (including root cultures), <i>D. quercifolia</i> (root cultures)	22, 40, 61, 67, 68, 72, 75, 83, 89, 114, 118, 146



$\alpha$  ( $\alpha$ -25)

*D. inoxia*

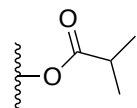
39



Unspecified, 26

*D. inoxia*, *D. stramonium*, *D. ferox*, *D. leichhardtii* (both ssp), *D. wrightii*,  
*D. metel* (including var. *fastuosa*), *D. ceratocaula*,

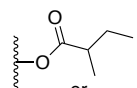
40, 63, 64, 113, 118, 146



$\alpha$  ( $\alpha$ -27)

*D. inoxia*

39

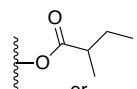
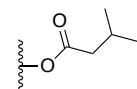


or

$\alpha$  ( $\alpha$ -28)<sup>a</sup>

*D. stramonium* (isomer unspecified), *D. inoxia*

39, 64

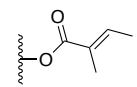
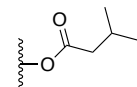


or

$\beta$  ( $\beta$ -29)<sup>a</sup>

*D. inoxia*

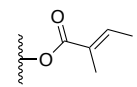
39



$\alpha$  ( $\alpha$ -23)

*D. stramonium* (cultures, and plant, isomer unspecified), *D. inoxia* (plant  
and root cultures), *D. ceratocaula*, *D. stramonium* (var. *tatula*, var.  
*godronii*), *D. wrightii*, *D. leichhardtii* (both ssp), *D. metel* (including var.  
*fastuosa*), *D. ferox*

22, 37, 39, 40, 61, 64, 68, 72, 73, 75, 83, 91, 113-  
115, 118, 128, 151-152

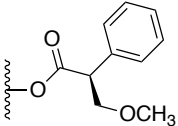
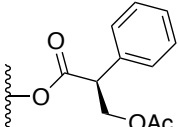
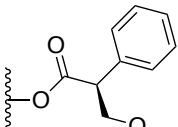
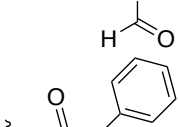
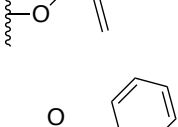
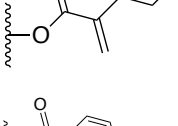


$\beta$  (tigloidine),  $\beta$ -23

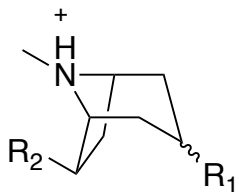
*D. inoxia* (including root cultures), *D. ceratocaula*, *D. ferox*, *D.*  
*leichhardtii* ssp. *pruinosa*, *D. metel* (including *D. fastuosa*), *D.*  
*stramonium*

22, 39, 40, 61, 64, 68, 72, 73, 83, 114

	$\alpha$ (or unspecified, $\alpha$ - <b>30</b> )	<i>D. inoxia</i> , (isomer unspecified, including hairy root cultures) <i>D. stramonium</i> (multiple varieties and hairy root cultures), <i>D. ferox</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> (both ssp), <i>D. metel</i> (including var. <i>fastuosa</i> ), <i>D. ceratocaula</i> , <i>D. quercifolia</i> (root cultures),	22, 40, 61, 64, 67, 73, 68, 72, 83, 75, 91, 113-115, 140
	$\beta$ ( $\beta$ - <b>30</b> )	<i>D. stramonium</i>	68, 140
	Stereochemistry unspecified, described as just "homatropine" ( <b>31</b> )	<i>D. metel</i>	41
	$\alpha$ (littorine), <b>11</b>	All except <i>D. quercifolia</i> , including hairy root cultures	32, 40, 64, 68, 72, 73, 89, 109, 118, 130, 146, 152
	$\alpha$ (presumably), <b>32</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	64, 113
	Unspecified, <b>33</b>	<i>D. inoxia</i>	146
	Unspecified, <b>34</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	64, 68, 72
	$\alpha$ (hyoscyamine, or reported as "atropine"), ( <i>S</i> )- <b>1</b> or <b>1</b>	All species, including transformed root cultures	22, 40, 36, 39, 61, 64, 68, 72, 73-75, 91, 115, 128, 130, 140, 146, 151-152
	Not specified, but presumably $\alpha$ , <b>35</b>	<i>D. stramonium</i> , <i>D. wrightii</i> , <i>D. ceratocaula</i> , <i>D. inoxia</i>	40, 68, 73, 91, 146, 151.

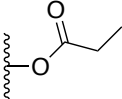
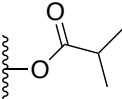
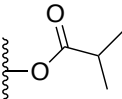
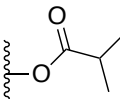
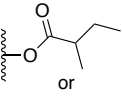
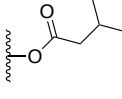
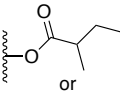
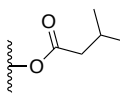
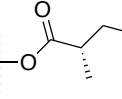
	Not specified, but presumably $\alpha$ , <b>36</b>	<i>D. inoxia</i> (including hairy root cultures), <i>D. stramonium</i>	61, 64, 68, 75, 113
	Not specified, but presumably $\alpha$ , <b>37</b>	<i>D. stramonium</i> (multiple varieties), <i>D. ferox</i> , <i>D. inoxia</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> (both ssp), <i>D. metel</i> (including var. <i>fastuosa</i> ), <i>D. ceratocaula</i>	22, 32, 40, 64, 68, 72, 73, 114, 151
	$\alpha$ ( $\alpha$ - <b>38</b> )	<i>D. quercifolia</i>	73
	Not specified, but presumably $\alpha$ ( $\alpha$ - <b>39</b> )	All except <i>D. discolor</i> , including multiple transformed root cultures	22, 39, 40, 41, 61, 64, 67, 68, 72, 73, 75, 83, 91, 114-115, 118, 151-152
	$\beta$ (proposed), $\beta$ - <b>39</b>	<i>D. stramonium</i>	151
	$\alpha$ (datumetine), <b>8</b>	<i>D. metel</i>	45

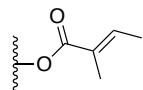
<sup>a</sup>Some references (e.g., 39) refer to separate isomers as “2-methylbutyryloxy”- and “methylbutyryloxy”. These are presumably valeroyl and isovaleroyl and are classified as such. <sup>b</sup>7-hydroxytropine is reported in reference 140 – there do not appear to be any other references to this compound.



**Table S2: Disubstituted Tropane Alkaloids from *Datura*.**

R <sub>1</sub> =	R <sub>2</sub> =	Stereochemistry at Position 3 and number	Species found in	References (see main text for reference numbers)
OH	OH	Not specified, <b>41</b>	<i>D. inoxia</i> , <i>D. metel</i> var. <i>fastuosa</i> , <i>D. ceratocaula</i> , <i>D. stramonium</i>	22, 40, 64, 83, 113
OAc	OH	Not specified, <b>44<sup>b</sup></b>	<i>D. inoxia</i> (including root cultures), <i>D. stramonium</i> (multiple varieties, including root cultures), <i>D. ceratocaula</i> , <i>D. wrightii</i> (root cultures)	61, 64, 68, 72, 73, 91, 113-115, 118, 128, 151
OH	OAc	Not specified, specified as $\alpha$ in <i>D. metel</i> , <b>45</b>	<i>D. stramonium</i> , <i>D. metel</i> var. <i>fastuosa</i> , <i>D. quercifolia</i> (root cultures)	40, 64, 68, 72, 128
OAc	OAc	Not specified, <b>42</b>	<i>D. ceratocaula</i> , <i>D. stramonium</i> (including root cultures), <i>D. metel</i> (including var. <i>fastuosa</i> ), <i>D. quercifolia</i> , <i>D. ferox</i> , <i>D. inoxia</i> ,	40, 64, 68, 72, 73, 113, 118, 128,

OH		Not specified, <b>46</b>	<i>D. metel</i> , including var. <i>fastuosa</i>	40
OH		Not specified, <b>47</b>	<i>D. stramonium</i> , <i>D. inoxia</i>	64, 113
OAc		Not specified, <b>48</b>	<i>D. stramonium</i>	68, 72
	OH	Not specified, <b>49</b> <sup>a</sup>	<i>D. inoxia</i> , <i>D. wrightii</i>	40, 114
OH	 or 	Not specified, <b>50</b> <sup>a</sup>	<i>D. inoxia</i> (including hairy root cultures), <i>D. metel</i> var. <i>fastuosa</i> , <i>D. wrightii</i> , <i>D. ceratocaula</i> , <i>D. stramonium</i>	40, 49, 61, 64, 68, 72, 73
 or 	OH	Not specified, <b>51</b>	<i>D. inoxia</i> , <i>D. metel</i> var. <i>fastuosa</i> , <i>D. ferox</i> , <i>D. stramonium</i> (multiple varieties)	40, 64, 68, 113-114
OH		$\alpha$ , $\alpha$ - <b>9</b>	<i>D. ceratocaula</i>	49

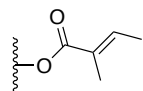


OH

Not specified, or  $\alpha$ ,  $\alpha$ -52

*D. stramonium* (multiple varieties), *D. ferox*, *D. inoxia* (including hairy root cultures), *D. wrightii*, *D. ceratocaula*, *D. stramonium* hairy root cultures, *D. leichhardtii* (both ssp.), *D. metel* (including var. *fastuosa*)

22, 40, 49, 61, 64, 68, 72, 73, 75, 91, 113-114, 118, 128, 140, 146, 151



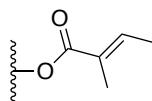
OH

$\beta$ ,  $\beta$ -52

*D. ceratocaula*, *D. stramonium*

68, 72, 73

OH

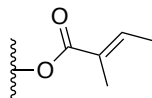


Not specified or  $\alpha$  ( $\alpha$ -53)

*D. inoxia* (including hairy root cultures), *D. stramonium* (multiple varieties), *D. ceratocaula*, *D. ferox*, *D. wrightii*, *D. leichhardtii* (both ssp.), *D. metel* (including var. *fastuosa*)

22, 49, 61, 64, 68, 72, 73, 75, 91, 113-115, 128, 140, 151

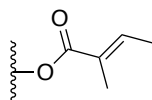
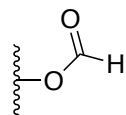
OH



$\beta$  ( $\beta$ -53)

*D. stramonium* (multiple varieties), *D. inoxia*

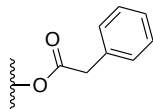
22, 64, 113



Not specified or  $\alpha$  ( $\alpha$ -54)

*D. stramonium*

68

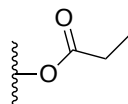
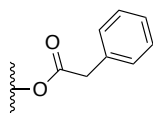


OH

Not specified, but presumably  $\alpha$  ( $\alpha$ -55)

*D. stramonium*, *D. inoxia*

40, 64, 68, 72, 113

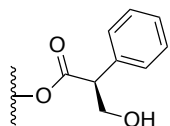


$\alpha$  ( $\alpha$ -56)

*D. stramonium*

68



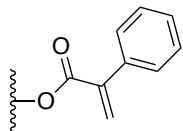


OH

Not specified, but presumably  $\alpha$ , **40**

*D. stramonium* (multiple varieties), *D. inoxia* (including transformed root cultures), *D. wrightii*, *D. leichhardtii* (both ssp.), *D. metel* (including var. *fastuosa*), *D. ceratocaula*, *D. ferox*

36, 40, 61, 64, 68, 72, 73, 75, 91, 113-115, 128, 146, 151

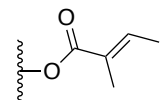


OH

Not specified, or  $\alpha$ , **57**

*D. stramonium*, *D. ceratocaula*, *D. inoxia* (including hairy roots), *D. wrightii*, *D. leichhardtii* (both ssp), *D. metel*

40, 61, 64, 68, 72, 73, 75, 83, 113

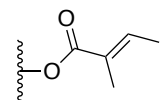


OAc

$\alpha$ ,  $\alpha$ -**58**

*D. inoxia*, *D. metel* var. *fastuosa*, *D. leichhardtii* (both ssp.), *D. ceratocaula*, *D. stramonium* (including root cultures), *D. discolor* (possibly)

40, 49, 64, 68, 72, 114, 118,

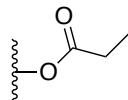
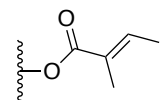


OAc

$\beta$ ,  $\beta$ -**58**

*D. ceratocaula*

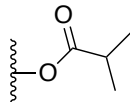
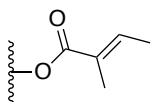
40



Not specified, or  $\alpha$ , **59**

*D. inoxia*, *D. metel* (including var. *fastuosa*), *D. stramonium* (multiple varieties), *D. ferox*, *D. wrightii*, *D. leichhardtii* (both ssp.)

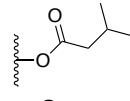
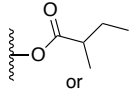
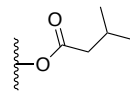
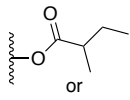
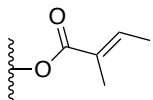
22, 40, 49, 64, 68, 72, 114



Not specified, or  
 $\alpha$ , **60**

*D. stramonium* (multiple varieties and hairy root cultures), *D. inoxia*,  
*D. ferox*, *D. wrightii*, *D. leichhardtii* ssp. *pruinosa*, *D. metel* (including  
var. *fastuosa*)

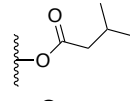
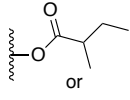
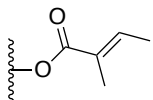
22, 64, 68, 72, 113-115, 118, 151



$\alpha$ ,  $\alpha$ -**61**<sup>a</sup>

*D. stramonium* (multiple varieties and hairy root cultures), *D. ferox*, *D.*  
*inoxia*, *D. wrightii*, *D. leichhardtii* (both ssp.), *D. metel* (including var.  
*fastuosa*)

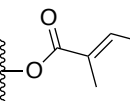
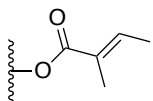
22, 32, 40, 49, 64, 68, 72, 114, 140, 151



$\beta$ ,  $\beta$ -**61**<sup>a</sup>

*D. stramonium*

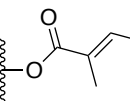
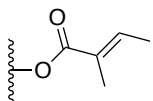
68



Not specified, or  
 $\alpha$ ,  $\alpha$ -**43**

*D. stramonium* (multiple varieties and hairy root cultures), *D. ferox*, *D.*  
*inoxia* (including hairy root cultures), *D. wrightii*, *D. leichhardtii* (both  
ssp.), *D. metel* (including var. *fastuosa*), *D. ceratocaula*, *D. discolor*

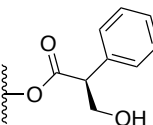
22, 40, 49, 61, 64, 68, 72, 113, 128, 140, 146,  
151-152



$\beta$ ,  $\beta$ -**43**

*D. inoxia* (including hairy root cultures) *D. wrightii*, *D. stramonium*  
(multiple varieties)

40, 61, 68, 72, 114

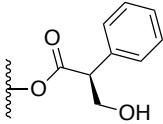
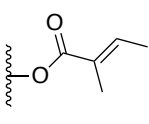
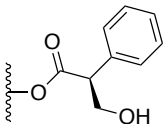
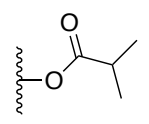
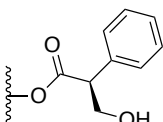
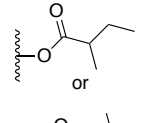
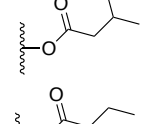
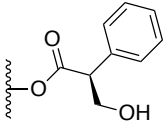
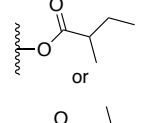
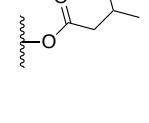


OAc

Not specified, but  
presumably  $\alpha$ , **62**

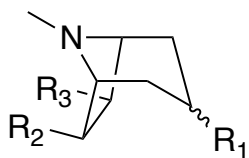
*D. stramonium*

64, 68, 72, 83

		Not specified, but presumably $\alpha$ , <b>63</b>	<i>D. inoxia</i> (including hairy roots), <i>D. ceratocaula</i> , <i>D. stramonium</i>	40, 49, 61, 64, 68, 73, 91, 113-114, 151
		Not specified, but presumably $\alpha$ , <b>64</b>	<i>D. stramonium</i>	64
	 or 	Not specified, but presumably $\alpha$ , $\alpha$ - <b>65</b>	<i>D. inoxia</i> (including hairy root cultures), <i>D. metel</i> var. <i>fastuosa</i> , <i>D. stramonium</i>	40, 49, 61, 64, 114
	 or 	$\beta$ , $\beta$ - <b>65</b>	<i>D. stramonium</i>	64

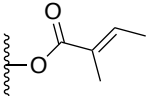
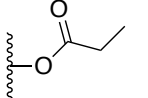
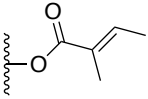
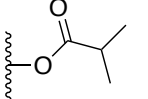
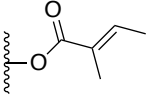
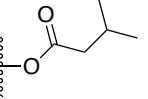
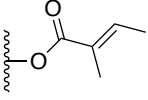
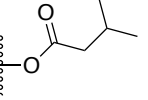
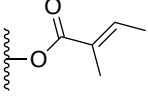
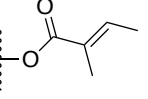
<sup>a</sup>Some references (e.g., 49) refer to separate isomers as “2-methylbutyryloxy”- and “methylbutyryloxy”. These are presumably valeroyl and isovaleroyl and are classified as such.

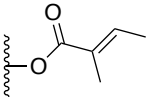
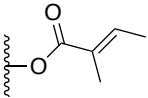
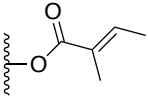
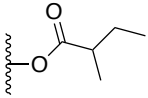
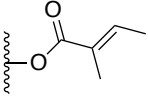
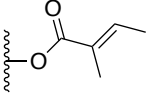
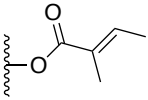
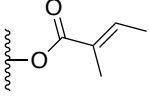
<sup>b</sup>Sometimes referred to as “6-hydroxyacetoxytropane (e.g., reference 72).



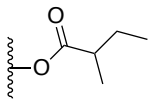
**Table S3: 3,6,7-Trisubstituted Tropane Alkaloids from *Datura*.**

R <sub>1</sub> =	R <sub>2</sub> =	R <sub>3</sub> =	Stereochemistry at Position 3	Species found in	References (see main text for reference numbers)
OH		OH	Not specified, <b>67</b>	<i>D. stramonium</i>	64
OAc		OH	Not specified, <b>68</b>	<i>D. inoxia</i>	113
		OH	Not specified, presumably $\alpha$ , $\alpha$ - <b>69</b>	<i>D. stramonium</i> (including hairy root cultures), <i>D. ferox</i> , <i>D. inoxia</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> (both ssp), <i>D. metel</i> (including var. <i>fastuosa</i> ), <i>D. ceratocaula</i>	22, 40, 64, 68, 72, 73, 113, 118

		OH	Not specified, possibly $\beta$ , $\beta$ -69	<i>D. inoxia</i> , <i>D. stramonium</i>	68, 114
		OH	Not specified, 70	<i>D. stramonium</i>	64
		OH	$\alpha$ or unspecified, $\alpha$ -71	<i>D. stramonium</i> (multiple varieties), <i>D. ferox</i> , <i>D. inoxia</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> (both ssp), <i>D. metel</i> var. <i>fastuosa</i> , <i>D. ceratocaula</i>	22, 37, 40, 64, 68, 91, 113, 140
		OH	$\beta$ , $\beta$ -71	<i>D. stramonium</i> (multiple varieties and hairy root cultures)	22, 64, 68, 72, 91, 140, 151
		OH	$\alpha$ or unspecified ( $\alpha$ -72)	<i>D. stramonium</i> (multiple varieties and hairy root cultures), <i>D. ceratocaula</i> , <i>D. ferox</i> , <i>D. inoxia</i> (including hairy root cultures), <i>D. wrightii</i> , <i>D. leichhardtii</i> (both ssp), <i>D. metel</i> (including <i>D. fastuosa</i> ), <i>D. discolor</i> , <i>D. quercifolia</i> (hairy roots)	22, 32, 39, 40, 61, 64, 68, 72, 73, 91, 114, 118, 128, 130, 140, 146, 152

		OH	$\beta$ , $\beta$ - <b>72</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	40, 68, 72, 91, 151
		OH	$\alpha$ - <b>73</b>	<i>D. stramonium</i>	39
	OH	OH	(meteloidine), $\alpha$ - <b>20</b>	<i>D. wrightii</i> , <i>D. leichhardtii</i> (ssp. <i>pruinosa</i> ), <i>D. metel</i> (including <i>D. fastuosa</i> , <i>D. ceratocaula</i> , <i>D. inoxia</i> , <i>D. stramonium</i> (including root cultures), <i>D. ferox</i> )	32, 39, 40, 64, 72, 73, 91, 114, 140, 146, 151-152
	OH	OH	$\beta$ , $\beta$ - <b>20</b>	<i>D. ceratocaula</i>	73
OH		OH	Unspecified, <b>74</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	40, 72, 146
OH	OH		Unspecified, <b>75</b>	<i>D. inoxia</i>	114

OH

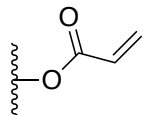
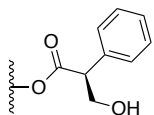


OH

Unspecified, **76**

*D. stramonium*

64

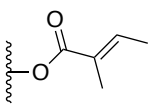
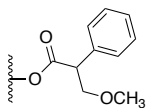


OH

$\alpha$ ,  $\alpha$ -**77**

*D. ferox*

37

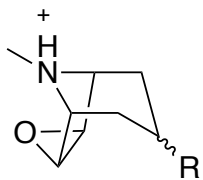


OH

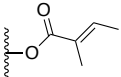
$\beta$ ,  $\beta$ -**7**

*D. stramonium*

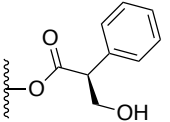
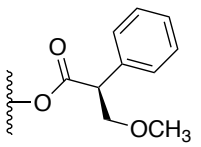
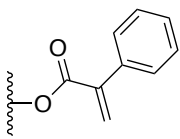
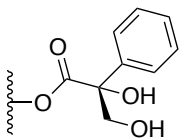
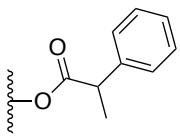
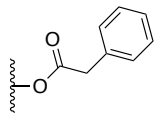
48

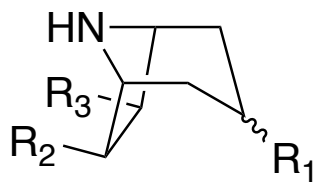


**Table S4: 3-Substituted 6,7-Epoxytropane Alkaloids from *Datura*.**

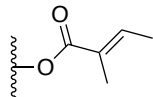
$R_1 =$	Stereochemistry at Position 3 and number	Species found in	References (see main text for reference numbers)
OH	$\alpha$ (scopine, <b>78</b> )	<i>D. inoxia</i> , <i>D. stramonium</i>	40, 64, 68, 75, 113-114
OAc	Unspecified, <b>79</b>	<i>D. inoxia</i>	113
	Unspecified, <b>80</b>	<i>D. inoxia</i>	113

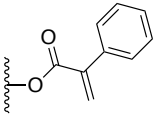
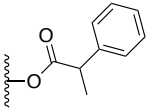
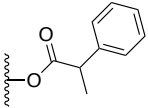
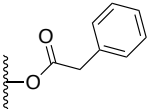
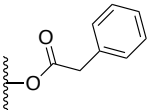
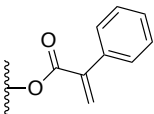


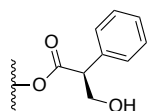
	$\alpha$ (Scopolamine, <b>2</b> )	All species, including hairy root cultures	22, 32, 37, 39, 40, 41, 61, 64, 67, 68, 72, 75, 81, 83, 89, 113-115, 118, 128, 130, 140, 146, 151
	$\alpha$ (methylscopolamine, <b>81</b> )	<i>D. metel</i> var. <i>fastuosa</i> , <i>D. stramonium</i> , <i>D. inoxia</i> (including hairy root cultures)	40, 64, 68, 113, 151,
	Unspecified or $\alpha$ (aposcopolamine, <b>82</b> )	<i>D. ceratocaula</i> , <i>D. stramonium</i> (multiple varieties), <i>D. ferox</i> , <i>D. inoxia</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> ssp. <i>leichhardtii</i> , <i>D. metel</i> (including var. <i>fastuosa</i> )	22, 31, 37, 40, 41, 64, 68, 72, 73, 75, 83, 113-114, 118 151
	Unspecified or $\alpha$ , (anisodine, <b>22</b> )	<i>D. wrightii</i>	40
	Unspecified or $\alpha$ , <b>83</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	64, 113
	Unspecified or $\alpha$ ( <b>84</b> )	<i>D. stramonium</i> (including root cultures), <i>D. inoxia</i> , <i>D. ferox</i>	37, 40, 64, 68, 72, 75, 113, 118



**Table S5: Nortropanes Detected in *Datura*.**

R <sub>1</sub> =	R <sub>2</sub> =	R <sub>3</sub> =	Stereochemistry at Position 3	Species found in	References (see main text for reference numbers)
OAc	H	H	Not specified, <b>91</b>	<i>D. wrightii</i> (root cultures), <i>D. quercifolia</i> (root cultures)	83, 128
	H	H	Not specified, <b>92</b>	<i>D. stramonium</i> , <i>D. inoxia</i> (including hairy roots)	40, 61, 68

	H	H	Not specified, presumably $\alpha$ , <b>93</b>	<i>D. stramonium</i> , <i>D. inoxia</i> , <i>D. ceratocaula</i>	40, 68, 73, 113-114
	H	H	Not specified, <b>94</b>	<i>D. stramonium</i> , <i>D. inoxia</i>	68, 113
	<b>6,7-epoxy</b>	<b>6,7-epoxy</b>	Not specified, <b>95</b>	<i>D. inoxia</i>	113
	<b>6,7-epoxy</b>	<b>6,7-epoxy</b>	Not specified, <b>96</b>	<i>D. stramonium</i> , <i>D. ferox</i> , <i>D. inoxia</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> spp. <i>leichhardtii</i> , <i>D. metel</i> , <i>D. ceratocaula</i>	40, 68, 72
	H	H	Not specified, <b>97</b>	<i>D. inoxia</i> , <i>D. stramonium</i>	113
	<b>6,7-epoxy</b>	<b>6,7-epoxy</b>	Not specified, <b>98</b>	<i>D. stramonium</i> , <i>D. inoxia</i> , <i>D. ferox</i> , <i>D. wrightii</i> , <i>D. leichhardtii</i> spp. <i>leichhardtii</i> , <i>D. metel</i> (including var. <i>fastuosa</i> ), <i>D. ceratocaula</i>	40, 64, 68, 72, 113



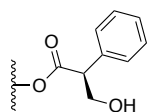
6,7-epoxy

6,7-epoxy

$\alpha$  or unspecified,  
99

*D. stramonium*, *D. discolor*, *D. inoxia*, *D. ferox*, *D. metel* var. *fastuosa*, *D. ceratocaula*

40, 68, 130, 151-152



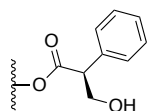
H

H

$\alpha$  or unspecified,  
100

*D. stramonium*, *D. inoxia*, *D. metel* var. *fastuosa*,  
*D. ceratocaula*

68, 73, 113, 146, 152



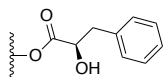
OH

H

$\alpha$  or unspecified,  
101

*D. inoxia*

146



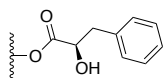
H

H

Unspecified, 102

*D. inoxia*

146



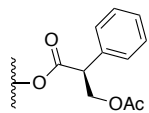
OH

H

Unspecified, 103

*D. inoxia*

146



**6,7-epoxy**

**6,7-epoxy**

Unspecified, **104**

*D. stramonium*

68