

Isolation and analysis of carotenoids in Hungary from Zechmeister until today

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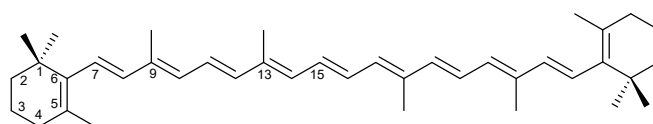
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^bDepartment of Pharmacognosy, University of Pécs, Faculty of Pharmacy, Rókus u. 2, H-7624 Pécs, Hungary

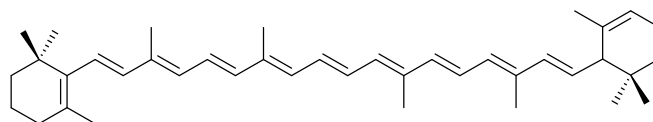
*Correspondence: jozsef.deli@aok.pte.hu

Figure S1. Structural formulas of some carotenoids

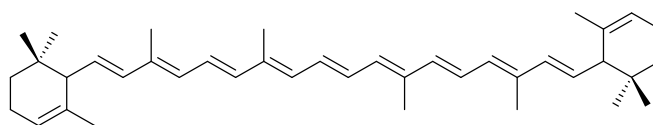
Hydrocarbons



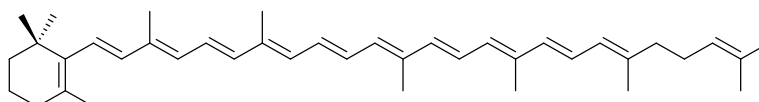
β -Carotene



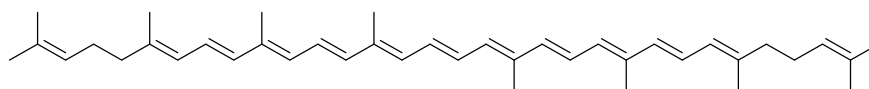
α -Carotene



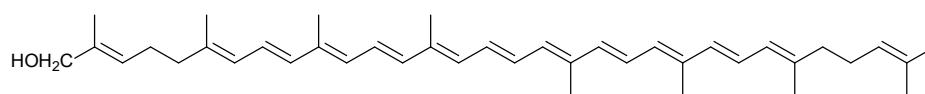
ϵ -Carotene



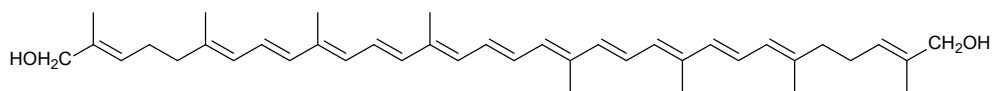
γ -Carotene



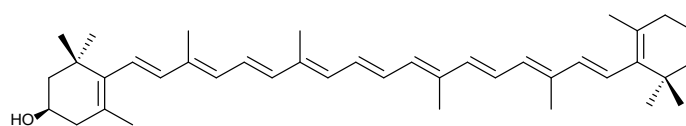
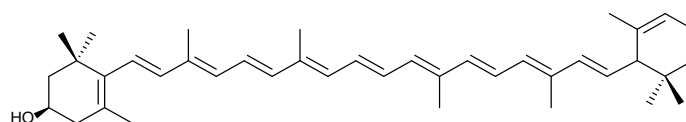
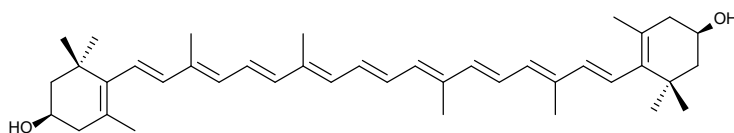
Lycopene

Hydroxycarotenoids

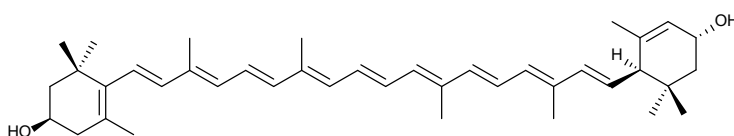
Lycopanthin



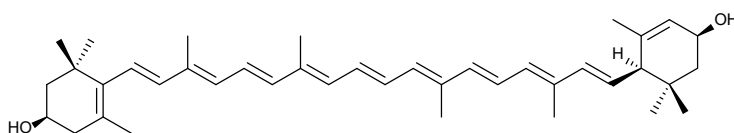
Lycophyll

 β -Cryptoxanthin α -Cryptoxanthin

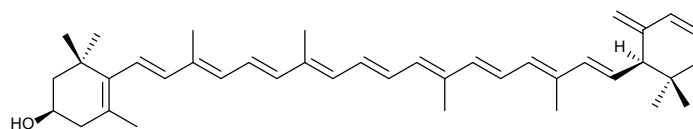
Zeaxanthin



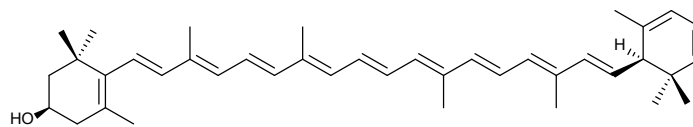
Lutein



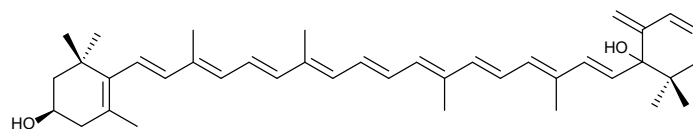
3'-Epilutein



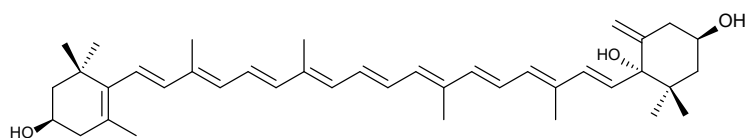
Anhydrolutein I



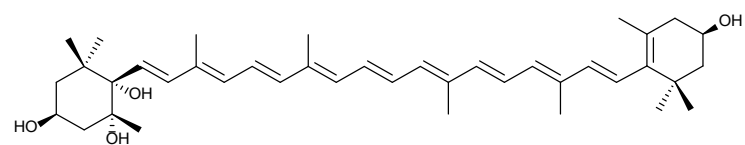
Anhydrolutein II



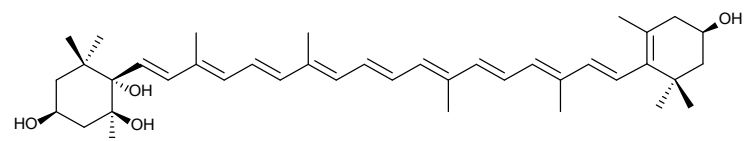
Nigroxanthin



Prenigroxanthin

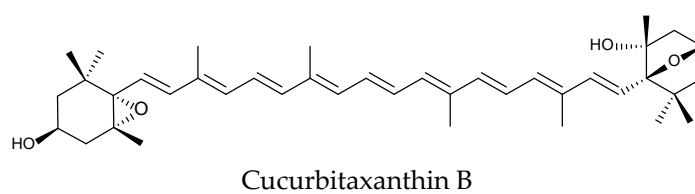
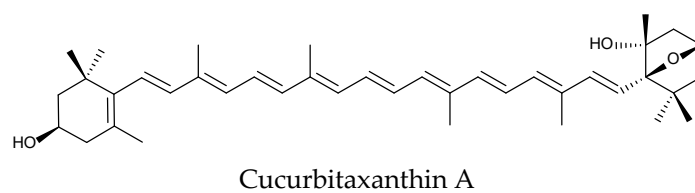
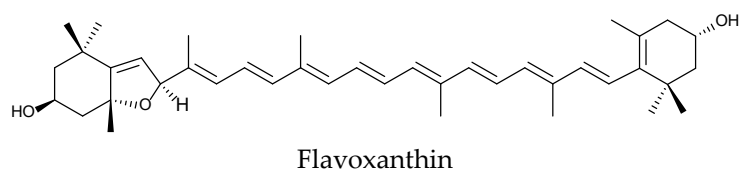
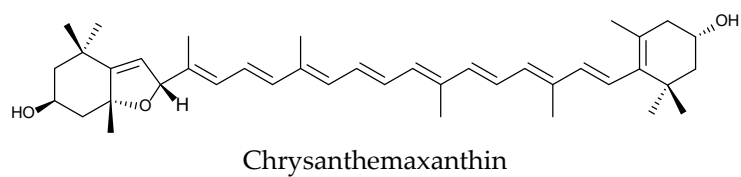
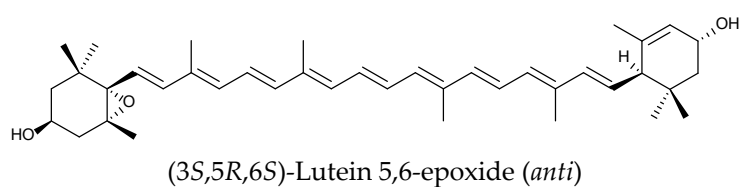
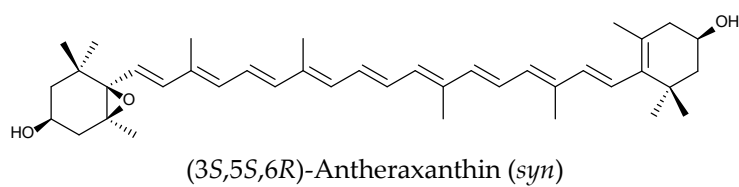
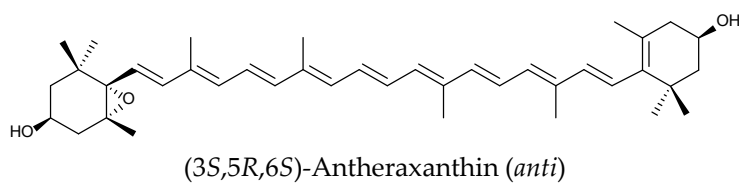


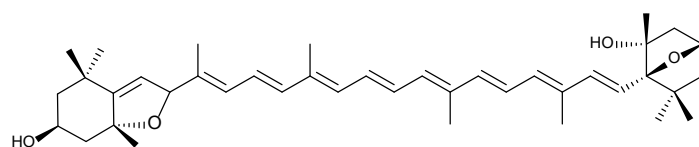
6-Epikarpoxanthin



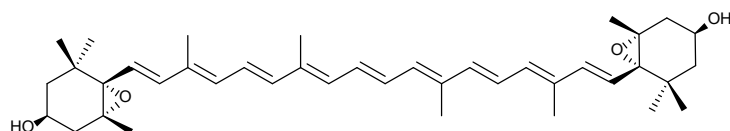
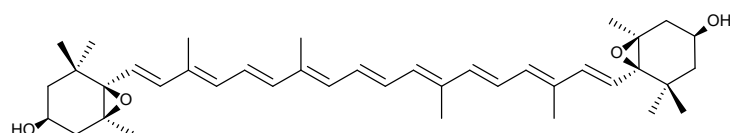
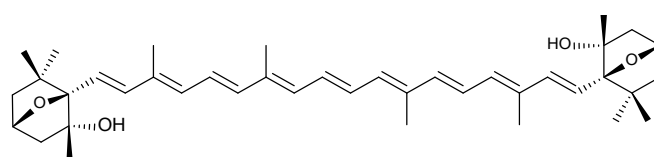
5,6-Diepikarpoxanthin

Epoxycarotenoids

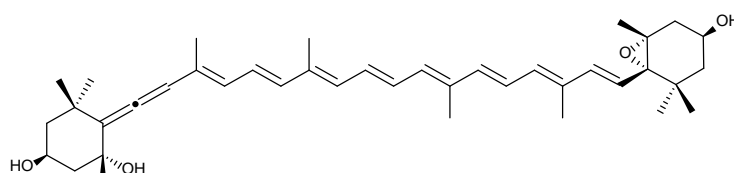
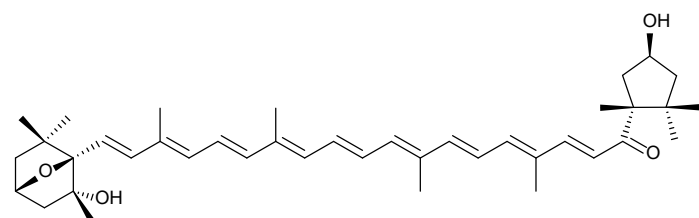




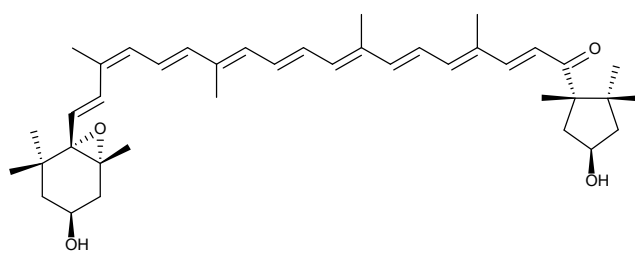
Cucurbitachrome

(3S,5R,6S,3'S,5'R,6'S)-Violaxanthin (*anti,anti*)(3S,5S,6R,3'S,5'S,6'R)-Violaxanthin (*syn,syn*)

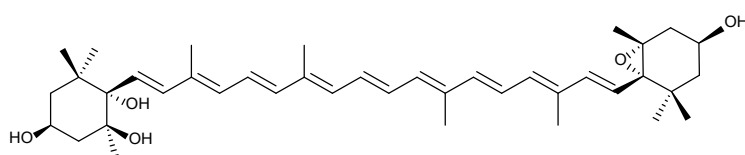
Cycloviolaxanthin

(all-*E*)-Neoxanthin

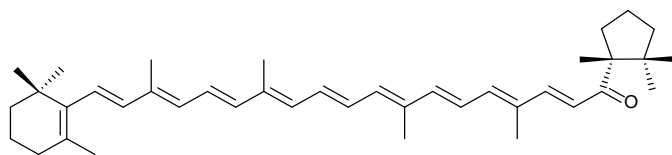
Capsanthin 3,6-epoxide



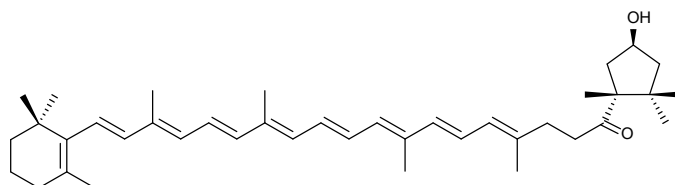
(9Z)-Capsanthin 5,6-epoxide



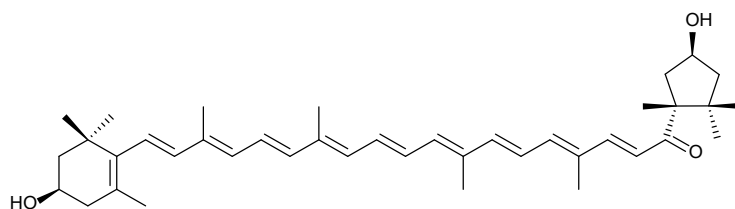
5,6-Diepilatoxanthin

Ketocarotenoids

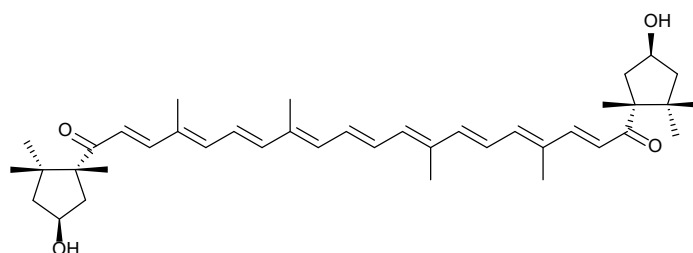
Sapotexanthin



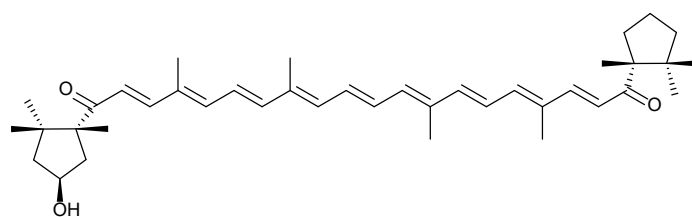
Cryptocapsin



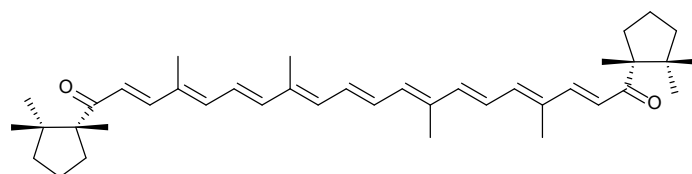
Capsanthin



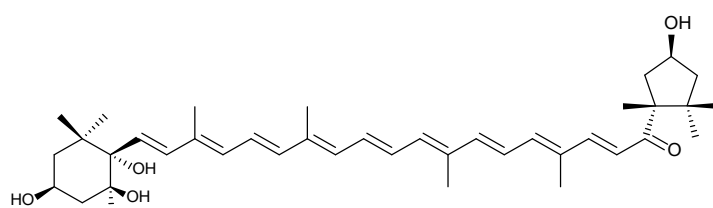
Capsorubin



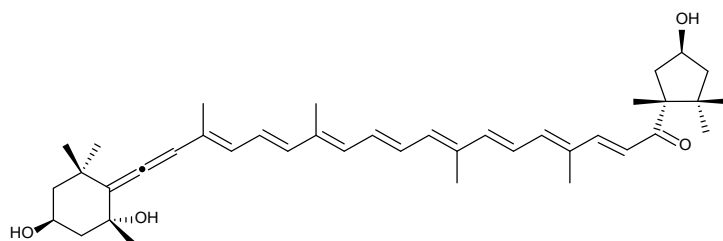
3'-Deoxycapsorubin



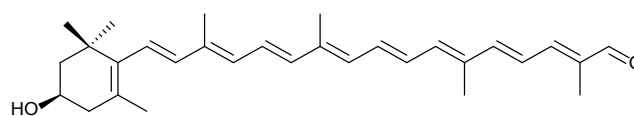
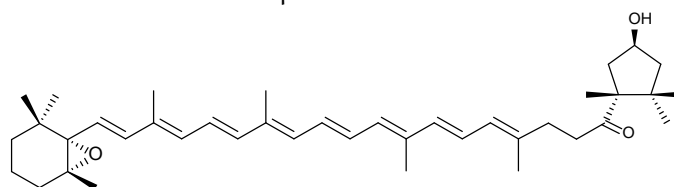
3,3'-Dideoxy-capsorubin



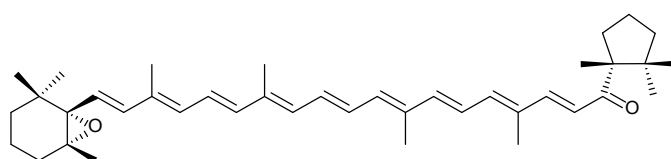
5,6-Diepicapsokarpoxanthin



Capsoneoxanthin

 β -Citraurin

(5R,6S)-Cryptocapsin 5,6-epoxide



(5R,6S,5'R)-Sapotexanthin 5,6-epoxide