

Table S2. Metabolites identified from *Solanum lycopersicum* leaf extracts using ^1H -NMR ($\text{D}_2\text{O}/\text{MeOH}$ [1:1], 600 MHz).

Metabolites	Chemical shift δ , ppm
	^1H (multiplicity, coupling constant J)
Aspartate	2.61 (dd, $J = 16.1, 7.4$ Hz) 2.80 (dd, $J = 16.1, 4.5$ Hz) 3.85 (dd, $J = 9.9, 3.3$ Hz)
γ -aminobutyric acid	1.92 (p, $J = 7.5$ Hz) 2.40 (t, $J = 7.5$ Hz) 3.01 (t, $J = 7.5$ Hz)
α -Glucose	5.18 (d, $J = 3.8$ Hz)
β -Glucose	4.57 (d, $J = 7.9$ Hz)
Glycine	3.54 (s)
Proline	1.97 (m) 2.01 (m) 2.06 (m) 2.32 (m)
Valine	1.00 (d, $J = 6.9$ Hz) 1.05 (d, $J = 6.9$ Hz)