

Product Name	: Glycyrrhizin
Synonyms	: Glycyrrhizic Acid
Cat No.	: M11702
CAS Number	: 1405-86-3
Molecular Formula	: C ₄₂ H ₆₂ O ₁₆
Formula Weight	: 822.93
Chemical Name	: (2S,3S,4S,5R,6R)-6-(((2S,3R,4S,5S,6S)-6-carboxy-2-(((3R,4aR,6aR,6bS,8aS,11R,12aR,14aR,14bS)-11-carboxy-4,4,6a,6b,8a,11,14b-heptamethyl-14-oxo-1,2,3,4,4a,5,6,6a,6b,7,8,8a,9,10,11,12,12a,14,14a,14b-icosahydricen-3-yl)oxy)-4,5-dihydroxytetrahydro-2H-pyran-3-yl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid
Description	: Actions Biologically active constituent in the sweet root of Glycyrrhiza species (licorice). Antiviral. Packaging 25,100 g in poly bottle
Pathway	: Metabolic Enzyme/Protease
Target	: Dehydrogenase
Receptor	: Dehydrogenase
Solubility	: Ethanol: 165 mg/mL (200.5 mM); Water: 20 mg/mL (24.3 mM); DMSO: 117 mg/mL (142.17 mM)
SMILES	: <chem>O[C@@H]([C@@H]([C@@H](C(O)=O)O1O)[C@@H](O[C@@H]2[C@@H]([C@H]([C@@H]([C@@H](C(O)=O)O2)O)O)O)[C@H]1O[C@@H](C(C)[C@](CC[C@@]([C@@]3CC[C@]4CC[C@](C[C@]4C3=C5)[H])(C(O)=O)C)C)6C)7[H])C)CC[C@]7(C)[C@@]6([H])C5=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Kiratipaboon C, et al. Phytomedicine. 2015 Nov 14. pii: S0944-7113(15)00343-8.