
Product Data Sheet

Product Name: Methyl Glycyrrhizate

Cat. No.: GC36591

Chemical Properties

Cas. No. 104191-95-9

SMILES C[C@]12[C@@](C(C=C3[C@]2(CC[C@]4(C)[C@@]3([H])C[C@](C(OC)=O)(C)CC4)C)=O)([H])[C@@]5([C@@](C(C)([C@@H](O[C@]6([H])[C@@H]([C@H]([C@H](O)[C@@H](C(O)=O)O6)O)O[C@]7([H])O[C@@H]([C@@H](O)[C@H](O)[C@H]7O)C(O)=O)CC5)C)([H])CC1)C

Formula C₄₃H₆₄O₁₆ M.Wt 836.96

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Methyl Glycyrrhizate, derived from Glycyrrhiza uralensis Fisch., is the ester of methyl alcohol and Glycyrrhizic Acid[1].

[1]. Final report on the safety assessment of Glycyrrhetic Acid, Potassium Glycyrrhetinate, Disodium Succinoyl Glycyrrhetinate, Glyceryl Glycyrrhetinate, Glycyrrhetinyl Stearate, Stearyl Glycyrrhetinate, Glycyrrhizic Acid, Ammonium Glycyrrhizate, Dipotassium Glycyrrhizate, Disodium Glycyrrhizate, Trisodium Glycyrrhizate, Methyl Glycyrrhizate, and Potassium Glycyrrhizate. Int J Toxicol. 2007;26 Suppl 2:79-112.

Caution: Product has not been fully validated for medical applications. For research use only.

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