Product Data Sheet

Product Name: Licorice-saponin H2
Cat. No.: GC39104

Chemical Properties

Cas. No.	118441-85-3		
SMILES	C[C@]12[C@@](C(C=C3[C@]2(CC[C@]4(C)[C@@]3([H])C[C@@](C(O)=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	$C_{42}H_{62}O_{16}$	M.Wt	822.93
Solubility	DMSO : 100 mg/mL (121.52 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	Licorice-saponin H2		

Background

Licorice-saponin H2 ((18β,20α)-Glycyrrhizic acid) is a saponin from Glycyrrhiza uralensis Fischer[1].

[1]. Kitagawa I, et al.Saponin and sapogenol. XLVIII. On the constituents of the roots of Glycyrrhiza uralensis Fischer from northeastern China. (2). Licorice-saponins D3, E2, F3, G2, H2, J2, and K2.Chem Pharm Bull (Tokyo). 1993 Aug;41(8):1337-45.

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