Product Data Sheet

Product Name: Licorice glycoside C2
Cat. No.: GC36453

Chemical Properties

Cas. No.	202657-55-4		
SMILES	O=C1C2=CC=C(O)C=C2O[C@@H](C1)C(C=C3)=CC=C3O[C@H]4[C@@H]([C@H]([C@H](O)[C@@H](CO)O4)O)O[C@@]5([H])[C@@H]([C@](COC(/C=C/C6=CC(OC)=C(O)C=C6)=O)(O)CO5)O		
Formula	$C_{36}H_{38}O_{16}$	M.Wt	726.68
Solubility	Soluble in DMSO	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 glycoside C2		

Background

Licorice glycoside C2 is a oleanane-type triterpene oligoglycoside isolated from Glycyrrhiza uralensis. Various biological activities are associated with licorice extracts, such as anti-viral, anti-microbial, antioxidant, anti-inflammatory, anti-ulcer, anti-cancer and anti-HIV effects[1].

[1]. Kitagawa I, et al. Saponin and sapogenol. XLVII. On the constituents of the roots of Glycyrrhiza uralensis Fischer from northeastern China. (1). Licorice-saponins A3, B2, and C2. Chem Pharm Bull (Tokyo). 1993 Jan;41(1):43-9. [2]. Rizzato G, et al. A new exploration of licorice metabolome. Food Chem. 2017 Apr 15;221:959-968.

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