Product Data Sheet

Product Name: Ginsenoside Rg4
Cat. No.: GC60174

Chemical Properties

Cas. No.	126223-28-7		
SMILES	C[C@]12[C@@]3(C)[C@@]([H])([C@H](CC3)/C(C)=C\C/C=C(C)\C)[C@@H](C[C@@]1([C@]4(C)[C@@]([H])([C@H](C2)O[C@]5([C@H](O[C@]6([C@H](O)[C@H](O)[C@H]([C@@H](O6)C)O)[H])[C@@H](O)[C@@H]([C@H](O5)CO)O)[H])C([C@H](CC4)O)(C)C)[H])O		
Formula	$C_{42}H_{70}O_{12}$	M.Wt	767
Solubility		Storage	
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	Ginsenoside Rg4		

Background

Ginsenoside Rg4 is a major protopanaxatriol type ginsenoside isolated from the leaves of Panax ginseng C. A. Meyer. The protopanaxatriol type ginsenosides (such as Ginsenoside Rg4) exhibits various biological activities including anti-septic, anti-diabetic, wound healing, immune-stimulatory, and anti-antioxidant activity[1][2].

[1]. S L Zhang, et al. A New Minor Saponin From the Leaves of Panax Ginseng C. A. Meyer. Yao Xue Xue Bao. 1989;24(11):877-9. [2]. Wonhwa Lee, et al. Inhibitory Effects of Protopanaxatriol Type Ginsenoside Fraction (Rgx365) on Particulate Matter-Induced Pulmonary Injury. J Toxicol Environ Health A. 2019;82(5):338-350.

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