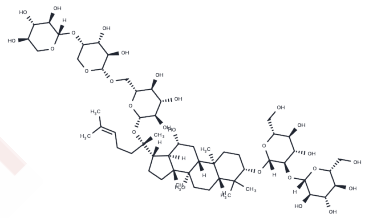
Data Sheet (Cat.No.TN1096)

TargetMol

Ginsenoside Ra1

Chemical Properties



CAS No. : 83459-41-0

Formula: C58H98O26

Molecular Weight: 1211.38

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ginsenoside Ra1, a component from ginseng, exhibits significant inhibitory effects on protein tyrosine kinase (PTK) activation induced by hypoxia/reoxygenation (H/R).
Targets(IC50)	Tyrosine Kinases
In vitro	Ginsenoside Ra1 showed significant inhibitory effects on protein tyrosine kinase (PTK) activation induced by an in vitro hypoxia/reoxygenation (H/R) model in cultured human umbilical vein endothelial cells (HUVEC)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8255 mL	4.1275 mL	8.255 mL
5 mM	0.1651 mL	0.8255 mL	1.651 mL
10 mM	0.0826 mL	0.4128 mL	0.8255 mL
50 mM	0.0165 mL	0.0826 mL	0.1651 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

The inhibitory effects of ginsenosides on protein tyrosine kinase activated by hypoxia/reoxygenation in cultured human umbilical vein endothelial cells.Planta Med. 2001 Feb;67(1):19-23.

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