

Rhamnetin

Chemical Properties

CAS No. : 90-19-7

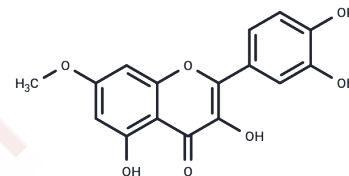
Formula: C₁₆H₁₂O₇

Molecular Weight: 316.26

Storage: Keep away from moisture, Keep away from direct sunlight

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	Rhamnetin (beta-Rhamnocitrin), a quercetin derivative found in Coriandrum sativum, has antioxidant and anti-inflammatory activities. Rhamnetin inhibits secretory phospholipase A2.
Targets(IC50)	Apoptosis,HDAC,Phospholipase

Solubility Information

Solubility	DMSO: 100 mg/mL (316.2 mM), Sonication is recommended (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.162 mL	15.8098 mL	31.6196 mL
5 mM	0.6324 mL	3.162 mL	6.3239 mL
10 mM	0.3162 mL	1.581 mL	3.162 mL
50 mM	0.0632 mL	0.3162 mL	0.6324 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

Novo Belchor M, et al. Evaluation of Rhamnetin as an Inhibitor of the Pharmacological Effect of Secretory Phospholipase A2. Molecules. 2017 Aug 31;22(9).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481