

Rhodiolin

Chemical Properties

CAS No. : 86831-53-0

Formula: C₂₅H₂₀O₁₀

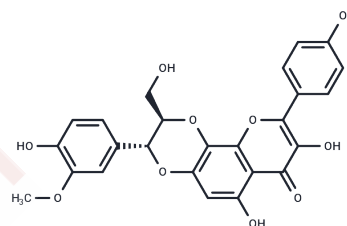
Molecular Weight: 480.42

Storage:

Keep away from direct sunlight,Store at low temperature,Keep away from moisture

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	Rhodiolin, a natural product from <i>Rhodiola rosea</i> , blocks glycolysis of glucose 6-phosphate isomerase (GPI) in human papillary thyroid cancer (PTC), inhibits phosphorylation of the PI3K/AKT/mTOR signaling pathway and induces apoptosis of PTC cells.
Targets(IC50)	Apoptosis, Anti-infection, Casein Kinase, Akt, mTOR, PI3K, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0815 mL	10.4076 mL	20.8151 mL
5 mM	0.4163 mL	2.0815 mL	4.163 mL
10 mM	0.2082 mL	1.0408 mL	2.0815 mL
50 mM	0.0416 mL	0.2082 mL	0.4163 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

Peng JN, et al. Studies on the chemical constituents of *Rhodiola fastigita*. Yao Xue Xue Bao. 1996;31(10):798-800.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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