

7-O-Methylrutin

Chemical Properties

CAS No. : 34202-83-0

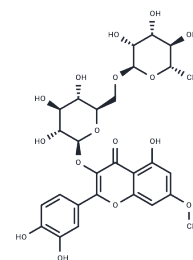
Formula: C₂₈H₃₂O₁₆

Molecular Weight: 624.55

Storage: Keep away from direct sunlight, 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	7-O-Methylrutin is a natural product exhibiting inhibitory activity against aldose reductase 1 (IC ₅₀ =21 μM).
Targets(IC50)	Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6012 mL	8.0058 mL	16.0115 mL
5 mM	0.3202 mL	1.6012 mL	3.2023 mL
10 mM	0.1601 mL	0.8006 mL	1.6012 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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

Matsuda H, Morikawa T, Toguchida I, Yoshikawa M. Structural requirements of flavonoids and related compounds for aldose reductase inhibitory activity. Chem Pharm Bull (Tokyo). 2002;50(6):788-795. doi:10.1248/cpb.50.788

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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