

Naringenin-D4

Chemical Properties

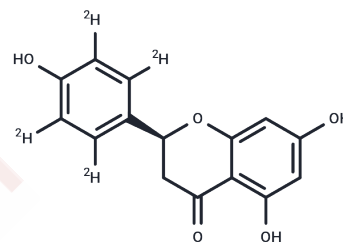
CAS No. :

Formula: C₁₅H₁₂O₅

Molecular Weight: 276.28

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	Naringenin-D4 is a deuterium-labeled Naringenin (T2838) for isotopic tracing. Naringenin (NSC-11855) acts as an antioxidant, free radical scavenger, anti-inflammatory, carbohydrate metabolism promoter, and immune system modulator.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 40 mg/mL (144.78 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6195 mL	18.0976 mL	36.1952 mL
5 mM	0.7239 mL	3.6195 mL	7.239 mL
10 mM	0.362 mL	1.8098 mL	3.6195 mL
50 mM	0.0724 mL	0.362 mL	0.7239 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

Fuhr U, et al. Br J Clin Pharmacol, 1993, 35(4):431-436.

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