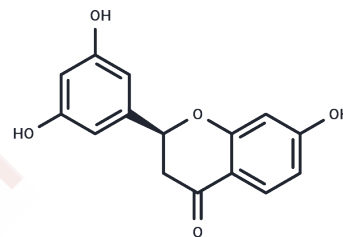


7,3',5'-Trihydroxyflavanone

Chemical Properties

CAS No. :	847375-46-6
Formula:	C ₁₅ H ₁₂ O ₅
Molecular Weight:	272.25
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	7,3',5'-Trihydroxyflavanone, a flavonoid derivative, promotes apoptotic cell death in MCF-7 cells by augmenting Bax expression and demonstrates antioxidant properties.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6731 mL	18.3655 mL	36.7309 mL
5 mM	0.7346 mL	3.6731 mL	7.3462 mL
10 mM	0.3673 mL	1.8365 mL	3.6731 mL
50 mM	0.0735 mL	0.3673 mL	0.7346 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

- Abdullah H, et, al. A natural compound from Hydnophytum formicarium induces apoptosis of MCF-7 cells via up-regulation of Bax. Cancer Cell Int. 2010 May 4;10:14.
- Tsvetkov DE, et, al. Components of the extracts of the knot wood of Dalbergia Sissoo Linn. and their antioxidant activity. Russian Chemical Bulletin. 2019 Sep; 68:1756-1762.

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