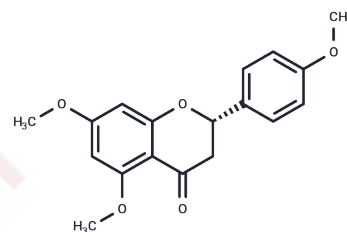


Naringenin trimethyl ether

Chemical Properties

CAS No. :	38302-15-7
Formula:	C ₁₈ H ₁₈ O ₅
Molecular Weight:	314.33
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Naringenin trimethyl ether (5,7,4'-Trimethoxyflavanone) shows significant molluscicidal activity with a median lethal concentration (LC(5)) of 3.9 µg/mL.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (79.53 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1814 mL	15.9068 mL	31.8137 mL
5 mM	0.6363 mL	3.1814 mL	6.3627 mL
10 mM	0.3181 mL	1.5907 mL	3.1814 mL
50 mM	0.0636 mL	0.3181 mL	0.6363 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.

Reference

Zhang H , Xu H H , Song Z J , et al. Molluscicidal activity of *Aglaia duperreana* and the constituents of its twigs and leaves[J]. *Fitoterapia*, 2012, 83(6):1081---1086.

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:36 Washington Street,Wellesley Hills,MA 02481