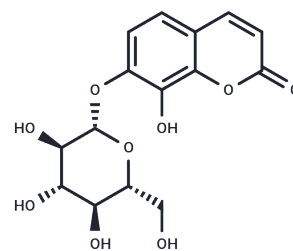


Daphnin

Chemical Properties

CAS No. :	486-55-5
Formula:	C ₁₅ H ₁₆ O ₉
Molecular Weight:	340.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Daphnin is one of the main coumarin bioactive ingredients with antibacterial activity. Daphnine is isolated from the entire Daphne fragrance, which is a folk medicine used in China to relieve fever.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9388 mL	14.6938 mL	29.3876 mL
5 mM	0.5878 mL	2.9388 mL	5.8775 mL
10 mM	0.2939 mL	1.4694 mL	2.9388 mL
50 mM	0.0588 mL	0.2939 mL	0.5878 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

Zhu J, et al. Investigation the interaction of Daphnin with human serum albumin using optical spectroscopy and molecular modeling methods. Spectrochim Acta A Mol Biomol Spectrosc. 2012 Sep;95:252-7.

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