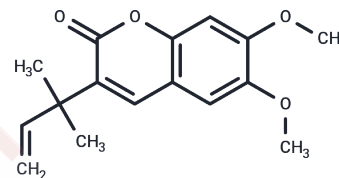


Rutacultin

Chemical Properties

CAS No. :	31526-60-0
Formula:	C ₁₆ H ₁₈ O ₄
Molecular Weight:	274.31
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	Rutacultin is a coumarin metabolite.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6455 mL	18.2276 mL	36.4551 mL
5 mM	0.7291 mL	3.6455 mL	7.291 mL
10 mM	0.3646 mL	1.8228 mL	3.6455 mL
50 mM	0.0729 mL	0.3646 mL	0.7291 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

Orlita A, Sidwa-Gorycka M, Paszkiewicz M, Malinski E, Kumirska J, Siedlecka EM, Łojkowska E, Stepnowski P. Application of chitin and chitosan as elicitors of coumarins and fluoroquinolone alkaloids in *Ruta graveolens* L. (common rue). *Biotechnol Appl Biochem*. 2008 Oct;51(Pt 2):91-6. doi: 10.1042/BA20070200. PubMed PMID: 18211259.

Orlita A, Sidwa-Gorycka M, Kumirska J, Maliński E, Siedlecka EM, Gajdus J, Lojkowska E, Stepnowski P. Identification of *Ruta graveolens* L. metabolites accumulated in the presence of abiotic elicitors. *Biotechnol Prog*. 2008 Jan-Feb; 24(1):128-33. Epub 2007 Dec 6. PubMed PMID: 18052337.

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