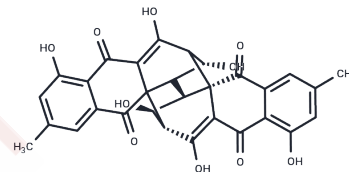


Rugulosin

Chemical Properties

CAS No. :	23537-16-8
Formula:	C ₃₀ H ₂₂ O ₁₀
Molecular Weight:	542.496
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	Rugulosin (RUG) is a bis-anthraquinoid pigment produced by fungi.
Targets(IC50)	Others,Antibacterial,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8433 mL	9.2166 mL	18.4332 mL
5 mM	0.3687 mL	1.8433 mL	3.6866 mL
10 mM	0.1843 mL	0.9217 mL	1.8433 mL
50 mM	0.0369 mL	0.1843 mL	0.3687 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

- Rugulosin. IARC Monogr Eval Carcinog Risk Chem Hum. 1986;40:99-106. PubMed PMID: 3473019.
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- Nicolaou KC, Lim YH, Papageorgiou CD, Piper JL. Total synthesis of (+)-rugulosin and (+)-2,2'-epi-cytoskyrin A through cascade reactions. Angew Chem Int Ed Engl. 2005 Dec 9;44(48):7917-21. PubMed PMID: 16342134.
- Sumarah MW, Miller JD, Adams GW. Measurement of a rugulosin-producing endophyte in white spruce seedlings. Mycologia. 2005 Jul-Aug;97(4):770-6. PubMed PMID: 16457346.

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