

Rubrosulphin

Chemical Properties

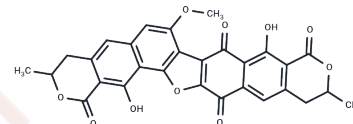
CAS No. : 55713-15-0

Formula: C₂₉H₂₀O₁₀

Molecular Weight: 528.46

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	Rubrosulphin is a toxic metabolite found in a number of fungi.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8923 mL	9.4615 mL	18.9229 mL
5 mM	0.3785 mL	1.8923 mL	3.7846 mL
10 mM	0.1892 mL	0.9461 mL	1.8923 mL
50 mM	0.0378 mL	0.1892 mL	0.3785 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

Durley RC, MacMillan J, Simpson TJ, Glen AT, Turner WB. Fungal products. Part XIII. Xanthomegnin, viomellin, rubrosulphin, and viopurpurin, pigments from *Aspergillus sulphureus* and *Aspergillus melleus*. *J Chem Soc Perkin* 1. 1975;(2):163-9. PubMed PMID: 1169241.

Stack ME, Eppley RM, Dreifuss PA, Pohland AE. Isolation and identification of xanthomegnin, viomellein, rubrosulphin, and viopurpurin as metabolites of *penicillium viridicatum*. *Appl Environ Microbiol.* 1977 Feb;33(2): 351-5. PubMed PMID: 848956; PubMed Central PMCID: PMC170690.

Jansen CM, Dose K. Simultaneous isolation of xanthomegnin, viomellein, rubrosulphin, viopurpurin, and brevianamide A by preparative HPLC. *Mycotoxin Res.* 1985 Mar;1(1):11-8. doi: 10.1007/BF03191949. PubMed PMID: 23605721.

Carman AS, Kuan SS, Francis OJ, Ware GM, Luedtke AE. Determination of xanthomegnin in grains and animal feeds by liquid chromatography with electrochemical detection. *J Assoc Off Anal Chem.* 1984 Nov-Dec;67(6):1095-8. PubMed PMID: 6520081.

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