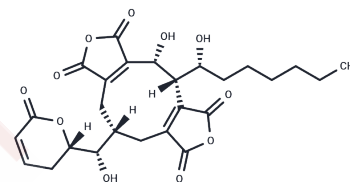


Rubratoxin B

Chemical Properties

CAS No. :	21794-01-4
Formula:	C ₂₆ H ₃₀ O ₁₁
Molecular Weight:	518.51
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	Rubratoxin B is a mycotoxin that causes hypoglycemia and fatty liver and has exhibited anticancer activity.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9286 mL	9.643 mL	19.286 mL
5 mM	0.3857 mL	1.9286 mL	3.8572 mL
10 mM	0.1929 mL	0.9643 mL	1.9286 mL
50 mM	0.0386 mL	0.1929 mL	0.3857 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

- Nagashima H. Rubratoxin-B-induced secretion of chemokine ligands of cysteine-cysteine motif chemokine receptor 5 (CCR5) and its dependence on heat shock protein 90 in HL60 cells. *Environ Toxicol Pharmacol.* 2015 Nov; 40(3):997-1000. doi: 10.1016/j.etap.2015.10.012. Epub 2015 Nov 2. PubMed PMID: 26595743.
- Iwashita K, Nagashima H. Rubratoxin B induces signs of fatty acid oxidation disorders (FAODs) in mice. *Toxicol Lett.* 2011 Oct 10;206(2):238-43. doi: 10.1016/j.toxlet.2011.07.027. Epub 2011 Jul 30. PubMed PMID: 21835235.
- Nagashima H, Nakamura K, Goto T. Hepatotoxin rubratoxin B induced the secretion of TNF-alpha, IL-8, and MCP-1 in HL60 cells. *Biochem Biophys Res Commun.* 2001 Oct 5;287(4):829-32. PubMed PMID: 11573937.
- Iwashita K, Nagashima H. Rubratoxin B induces interleukin-6 secretion in mouse white adipose tissues and 3T3-L1 adipocytes. *Toxicol Lett.* 2008 Nov 10;182(1-3):79-83. doi: 10.1016/j.toxlet.2008.08.008. Epub 2008 Aug 29. PubMed PMID: 18804154.

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