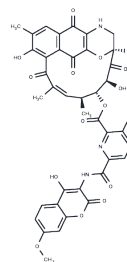


Rubradirin B

Chemical Properties

CAS No. :	68833-11-4
Formula:	C ₄₀ H ₃₃ N ₃ O ₁₅
Molecular Weight:	795.71
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	Rubradirin B has an antibacterial activity similar to rubradirin, but the antibiotic is less active.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2567 mL	6.2837 mL	12.5674 mL
5 mM	0.2513 mL	1.2567 mL	2.5135 mL
10 mM	0.1257 mL	0.6284 mL	1.2567 mL
50 mM	0.0251 mL	0.1257 mL	0.2513 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

- Hoeksema H, Chidester C, Mizsak SA, Baczynskij L. The chemistry of the rubradirins. I. The structures of rubransarols A and B. *J Antibiot (Tokyo)*. 1978 Oct;31(10):1067-9. PubMed PMID: 711615.
- Hoeksema H, Lewis C, Mizsak SA, Shiley JA, Wait DR, Whaley HA, Zurenko GE. The isolation and characterization of rubradirin B. *J Antibiot (Tokyo)*. 1978 Oct;31(10):945-8. PubMed PMID: 711617.
- Khatri I, Subramanian S, Mayilraj S. Genome sequencing and annotation of *Amycolatopsis azurea* DSM 43854(T). *Genom Data*. 2014 Mar 12;2:44-5. doi: 10.1016/j.gdata.2013.12.003. eCollection 2014 Dec. PubMed PMID: 26484067; PubMed Central PMCID: PMC4536004.

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