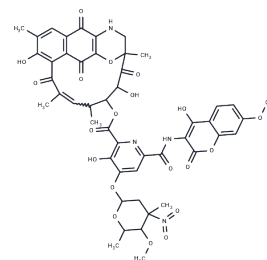


Rubradirin

Chemical Properties

CAS No. :	11031-38-2
Formula:	C ₄₈ H ₄₆ N ₄ O ₂₀
Molecular Weight:	998.904
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 is an antibiotic with a complex chemical structure that is active vs. methicillin resistant staphylococci. It is a selective enzymatic peptide initiation inhibitor.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0011 mL	5.0055 mL	10.011 mL
5 mM	0.2002 mL	1.0011 mL	2.0022 mL
10 mM	0.1001 mL	0.5006 mL	1.0011 mL
50 mM	0.020 mL	0.1001 mL	0.2002 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

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- Bannister B, Zapotocky BA. Protorubradirin, an antibiotic containing a C-nitroso-sugar fragment, is the true secondary metabolite produced by *Streptomyces achromogenes* var. *rubradiris*. Rubradirin, described earlier, is its photo-oxidation product. *J Antibiot (Tokyo)*. 1992 Aug;45(8):1313-24. PubMed PMID: 1399853.
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