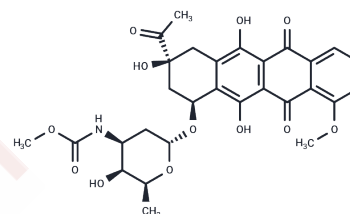


Rubomycin H

Chemical Properties

CAS No. :	38942-79-9
Formula:	C ₂₉ H ₃₁ NO ₁₂
Molecular Weight:	585.562
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	Rubomycin H is an anthracycline antibiotic from Streptomyces coeruleorubidus.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7078 mL	8.5388 mL	17.0777 mL
5 mM	0.3416 mL	1.7078 mL	3.4155 mL
10 mM	0.1708 mL	0.8539 mL	1.7078 mL
50 mM	0.0342 mL	0.1708 mL	0.3416 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

Fomicheva EV, Fedorova GB, Potapova NP, Katrukha GS. [Isolation and evaluation of the structure of the new anthracycline antibiotics rubomycins F and H]. Antibiot Khimioter. 1992 Aug;37(8):27-9. Russian. PubMed PMID: 1456819.

Fomichova EV, Fedorova GB, Potapova NP, Katrukha GS. Isolation and identification of new anthracycline antibiotics, rubomycins F and H. J Antibiot (Tokyo). 1992 Jul;45(7):1185-6. PubMed PMID: 1517164.

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