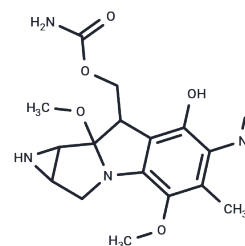


RM 49

Chemical Properties

CAS No. : 113785-48-1
Formula: C₁₆H₂₀N₄O₆
Molecular Weight: 364.35
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	RM 49 is a mitomycin C derivative that has antitumor activity in vitro.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7446 mL	13.7231 mL	27.4461 mL
5 mM	0.5489 mL	2.7446 mL	5.4892 mL
10 mM	0.2745 mL	1.3723 mL	2.7446 mL
50 mM	0.0549 mL	0.2745 mL	0.5489 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.

Reference

Horiuchi N, Nakagawa K, Sasaki Y, Minato K, Fujiwara Y, Nezu K, Ohe Y, Saijo N. In vitro antitumor activity of mitomycin C derivative (RM-49) and new anticancer antibiotics (FK973) against lung cancer cell lines determined

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