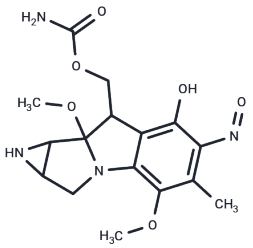
Data Sheet (Cat.No.T26102)

TargetMol

RM 49

Chemical Properties



CAS No. : 113785-48-1

Formula: C16H20N4O6

Molecular Weight: 364.35

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	RM 49 is a mitomycin C derivative that has antitumor activity in vitro.
Targets(IC50)	Others

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.

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

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 by tetrazolium dye (MTT) assay. Cancer Chemother Pharmacol. 1988;22(3):246-50. PubMed PMID: 2842080.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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