

Doxycycline calcium

Chemical Properties

CAS No. :	94088-85-4
Formula:	C ₂₂ H ₂₄ Ca ₂ N ₂ O ₈
Molecular Weight:	524.59
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Doxycycline calcium, a broad-spectrum antibiotic and metalloproteinase (MMP) inhibitor, demonstrates efficacy in inhibiting bacterial growth and cancer cell proliferation, as evidenced by multiple studies [1] [2] [3] [4] [5]. This compound is active when administered orally.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9063 mL	9.5313 mL	19.0625 mL
5 mM	0.3813 mL	1.9063 mL	3.8125 mL
10 mM	0.1906 mL	0.9531 mL	1.9063 mL
50 mM	0.0381 mL	0.1906 mL	0.3813 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.

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