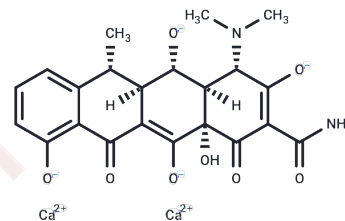


Doxycycline calcium

Chemical Properties

CAS No. :	94088-85-4
Formula:	C ₂₂ H ₂₀ Ca ₂ N ₂ O ₈
Molecular Weight:	520.56
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	Doxycycline calcium is an orally active tetracycline antibiotic that also functions as a broad-spectrum matrix metalloproteinase (MMP) inhibitor, exhibiting antibacterial and anti-tumor cell proliferation activities, and is commonly used to induce gene expression in ON-OFF systems.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.921 mL	9.605 mL	19.2101 mL
5 mM	0.3842 mL	1.921 mL	3.842 mL
10 mM	0.1921 mL	0.9605 mL	1.921 mL
50 mM	0.0384 mL	0.1921 mL	0.3842 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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