Data Sheet (Cat.No.T68873)

TargetMol

Cornigerine

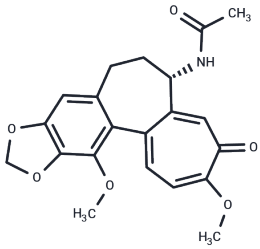
Chemical Properties

CAS No. : 6877-25-4

Formula: C21H21NO6

Molecular Weight: 383.39

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	Cornigerine is a natural product analog of colchicine produced by Colchicum cornigerum that inhibited tubulin polymerization both with and without microtubule-associated proteins, inhibited the binding of radiolabeled colchicine to tubulin, and stimulated tubulin-dependent GTP hydrolysis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6083 mL	13.0416 mL	26.0831 mL
5 mM	0.5217 mL	2.6083 mL	5.2166 mL
10 mM	0.2608 mL	1.3042 mL	2.6083 mL
50 mM	0.0522 mL	0.2608 mL	0.5217 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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