

## cis-9,10-Dehydroepothilone D

## Chemical Properties

CAS No. :	220889-57-6
Formula:	C <sub>27</sub> H <sub>39</sub> NO <sub>5</sub>
Molecular Weight:	489.67
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	cis-9,10-Dehydroepothilone D (KOS-1584) is an epoxide derivative with antiproliferative properties and activity in tubulin polymerization. This compound is useful in the study of lung cancer, colon cancer, prostate cancer, and breast cancer.
Targets(IC50)	Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0422 mL	10.211 mL	20.4219 mL
5 mM	0.4084 mL	2.0422 mL	4.0844 mL
10 mM	0.2042 mL	1.0211 mL	2.0422 mL
50 mM	0.0408 mL	0.2042 mL	0.4084 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.

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