# Data Sheet (Cat.No.T36855)



## Phomopsinamine

### **Chemical Properties**

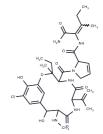
CAS No.: 89085-54-1

Formula: C32H43ClN6O8

Molecular Weight: 675.18

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	Phomopsinamine is an inhibitor of microtubule polymerization and a derivative of
	phomopsin A .1It inhibits the rate and extent of polymerization of tubulin isolated from
	ovine brain (IC50s = $0.53$ and $0.59 \mu M$ , respectively).

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	1.4811 mL	7.4054 mL	14.8109 mL
5 mM	0.2962 mL	1.4811 mL	2.9622 mL
10 mM	0.1481 mL	0.7405 mL	1.4811 mL
50 mM	0.0296 mL	0.1481 mL	0.2962 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.

#### Reference

Lacey, E., Edgar, J.A., and Culvenor, C.C.Interaction of phomopsin A and related compounds with purified sheep brain tubulinBiochem. Pharmacol.36(13)2133-2138(1987)

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