Data Sheet (Cat.No.T21808)



Inotilone

Chemical Propert	ties	
CAS No. :	906366-79-8	он
Formula:	C12H10O4	ОН
Molecular Weight:	218.21	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	СН3

Biological Description	
Description	Inotilone is a major component of Inonotus linteus, a traditional Chinese medical herb and can be used for research of metastatic lung cancer cells.
Targets(IC50)	Others

Solubility Information	
Solubility	DMSO: 10 mg/mL (45.83 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5827 mL	22.9137 mL	45.8274 mL
5 mM	0.9165 mL	4.5827 mL	9.1655 mL
10 mM	0.4583 mL	2.2914 mL	4.5827 mL
50 mM	0.0917 mL	0.4583 mL	0.9165 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

Chao W, et al. Inotilone from Inonotus linteus suppresses lung cancer metastasis in vitro and in vivo through ROSmediated PI3K/AKT/MAPK signaling pathways. Sci Rep. 2019 Feb 20;9(1):2344.

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