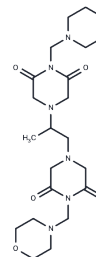


Probimane

Chemical Properties

CAS No. : 108093-90-9
 Formula: C₂₁H₃₄N₆O₆
 Molecular Weight: 466.54
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Probimane (AT-2153) had Anti-proliferative effects, cell cycle G2/M phase arrest and blocking of chromosome segregation in human tumor cell lines with MST-16.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 4.67 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1434 mL	10.7172 mL	21.4344 mL
5 mM	0.4287 mL	2.1434 mL	4.2869 mL
10 mM	0.2143 mL	1.0717 mL	2.1434 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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

Lu DY, et al. Anti-proliferative effects, cell cycle G2/M phase arrest and blocking of chromosome segregation by probimane and MST-16 in human tumor cell lines. BMC Pharmacol. 2005 Jun 20;5:11.

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