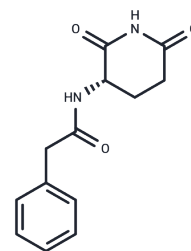


Antineoplaston A10

Chemical Properties

CAS No. :	91531-30-5
Formula:	C ₁₃ H ₁₄ N ₂ O ₃
Molecular Weight:	246.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Antineoplaston A10 (NSC-648539) is a Ras inhibitor potentially for the treatment of glioma, lymphoma, astrocytoma and breast cancer.
Targets(IC50)	Apoptosis,Endogenous Metabolite,Ras

Solubility Information

Solubility	DMSO: 10 mg/mL (40.61 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0607 mL	20.3037 mL	40.6075 mL
5 mM	0.8121 mL	4.0607 mL	8.1215 mL
10 mM	0.4061 mL	2.0304 mL	4.0607 mL
50 mM	0.0812 mL	0.4061 mL	0.8121 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

Qu X J , Cui S X , Tian Z , et al. Induction of apoptosis in human hepatocellular carcinoma cells by synthetic antineoplaston A10[J]. Anticancer Research, 2007, 27(4B):2427.

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