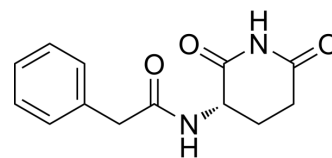


Antineoplaston A10

Cat. No.:	HY-128553		
CAS No.:	91531-30-5		
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₃		
Molecular Weight:	246.26		
Target:	Ras; Endogenous Metabolite; Apoptosis		
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease; Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (1015.19 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	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
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (8.45 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (8.45 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (8.45 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Antineoplaston A10, a naturally occurring substance in human body, is a Ras inhibitor potentially for the treatment of glioma, lymphoma, astrocytoma and breast cancer ^[1] .
IC₅₀ & Target	Ras ^[1] .

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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