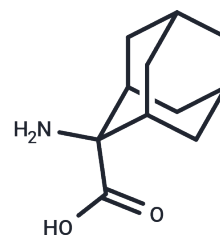


Adamantanine

Chemical Properties

CAS No. :	42381-05-5
Formula:	C ₁₁ H ₁₇ NO ₂
Molecular Weight:	195.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Adamantanine (NSC-145160) is an amino acid transport inhibitor.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	5.1214 mL	25.6069 mL	51.2138 mL
5 mM	1.0243 mL	5.1214 mL	10.2428 mL
10 mM	0.5121 mL	2.5607 mL	5.1214 mL
50 mM	0.1024 mL	0.5121 mL	1.0243 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

Thomaston JL, DeGrado WF. Crystal structure of the drug-resistant S31N influenza M2 proton channel. Protein Sci. 2016 Aug;25(8):1551-4. doi: 10.1002/pro.2937. Epub 2016 May 17. PubMed PMID: 27082171; PubMed Central

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