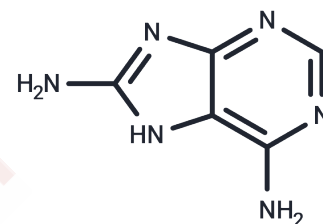


8-Aminoadenine

Chemical Properties

CAS No. :	28128-33-8
Formula:	C ₅ H ₆ N ₆
Molecular Weight:	150.14
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	8-Aminoadenine (7H-purine-6,8-diamine) is a ligand for Adenine Receptor with Ki of 0.0341 μM.
Targets(IC50)	AChR

Solubility Information

Solubility	DMSO: 7.2 mg/mL (47.96 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	6.6605 mL	33.3023 mL	66.6045 mL
5 mM	1.3321 mL	6.6605 mL	13.3209 mL
10 mM	0.666 mL	3.3302 mL	6.6605 mL
50 mM	0.1332 mL	0.666 mL	1.3321 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Borrmann T, et al. Structure-activity relationships of adenine and deazaadenine derivatives as ligands for adenine receptors, a new purinergic receptor family. J Med Chem. 2009 Oct 8;52(19):5974-89.

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