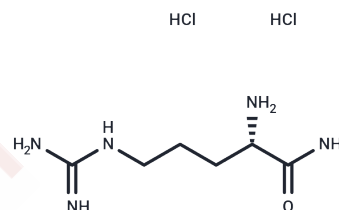


L-Argininamide dihydrochloride

Chemical Properties

CAS No. : 14975-30-5
 Formula: C₆H₁₇Cl₂N₅O
 Molecular Weight: 246.14
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	L-Argininamide dihydrochloride (H-Arg-NH ₂ ·2HCl) is used as a model compound in studies of the physicochemical characteristic of ligand binding DNA aptamers and their potential development as fluorescent aptasensors.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (203.14 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	4.0627 mL	20.3136 mL	40.6273 mL
5 mM	0.8125 mL	4.0627 mL	8.1255 mL
10 mM	0.4063 mL	2.0314 mL	4.0627 mL
50 mM	0.0813 mL	0.4063 mL	0.8125 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

Nutiu R., et al. Aptamers with fluorescence-signaling properties. *Methods*. 2005 Sep;37(1):16-25.
 Bardaro M., et al. How binding of small molecule and peptide ligands to HIV-1 TAR alters the RNA motional landscape. *Nucleic Acids Res*. 2009 Apr;37(5):1529-40.

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