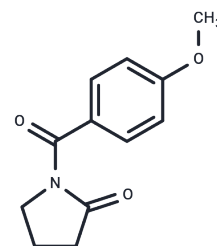


Aniracetam

Chemical Properties

CAS No. :	72432-10-1
Formula:	C ₁₂ H ₁₃ NO ₃
Molecular Weight:	219.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Aniracetam (Ro 13-5057)(Ro 13-5057), a nootropic and neuroprotective drug, selectively modulates the AMPA receptor and nAChR.
Targets(IC50)	5-HT Receptor, GluR, AChR, Dopamine Receptor, iGluR

Solubility Information

Solubility	Ethanol: 5.5 mg/mL (25.09 mM), Sonication is recommended. DMSO: 35 mg/mL (159.64 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	4.5612 mL	22.8061 mL	45.6121 mL
5 mM	0.9122 mL	4.5612 mL	9.1224 mL
10 mM	0.4561 mL	2.2806 mL	4.5612 mL
50 mM	0.0912 mL	0.4561 mL	0.9122 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

Nakamura K, Kurasawa M. Eur J Pharmacol. 2001 May 18;420(1):33-43.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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