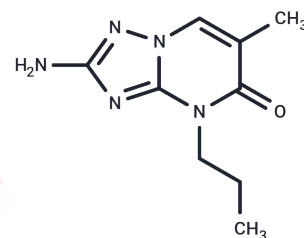


ICI 63197

Chemical Properties

CAS No. : 27277-00-5
 Formula: C₉H₁₃N₅O
 Molecular Weight: 207.23
 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	ICI 63197 (2-Amino-6-methyl-4-propyl-[1,2,4]triazolo[1,5-a]pyrimidin-5(4H)-one) is a PDE4 inhibitor.
Targets(IC50)	PDE

Solubility Information

Solubility	Ethanol: < 20 mg/mL, Sonication is recommended. DMSO: < 20 mg/mL, 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	4.8256 mL	24.1278 mL	48.2556 mL
5 mM	0.9651 mL	4.8256 mL	9.6511 mL
10 mM	0.4826 mL	2.4128 mL	4.8256 mL
50 mM	0.0965 mL	0.4826 mL	0.9651 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

Zhao Y, Zhang HT, O'Donnell JM. Inhibitor binding to type 4 phosphodiesterase (PDE4) assessed using [3H] piclamilast and [3H]rolipram. J Pharmacol Exp Ther. 2003 May;305(2):565-72. doi: 10.1124/jpet.102.47407. Erratum in: J Pharmacol Exp Ther. 2003 Dec;307(3):1243.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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