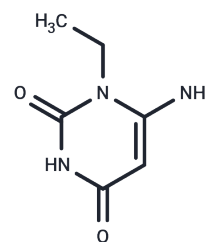


1-Ethyl-6-aminouracil

Chemical Properties

CAS No. :	41862-09-3
Formula:	C ₆ H ₉ N ₃ O ₂
Molecular Weight:	155.15
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	1-Ethyl-6-aminouracil (6-AMINO-1-ETHYL-1H-PYRIMIDINE-2,4-DIONE) is an intermediate in the synthesis of a series of new substituted Xanthines which have high affinity and selectivity for the human adenosine A2B receptors.
Targets(IC50)	Adenosine Receptor

Solubility Information

Solubility	DMSO: 11.25 mg/mL (72.51 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	6.4454 mL	32.2269 mL	64.4538 mL
5 mM	1.2891 mL	6.4454 mL	12.8908 mL
10 mM	0.6445 mL	3.2227 mL	6.4454 mL
50 mM	0.1289 mL	0.6445 mL	1.2891 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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