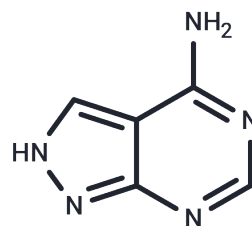


Pyrazoloadenine

Chemical Properties

CAS No. :	2380-63-4
Formula:	C ₅ H ₅ N ₅
Molecular Weight:	135.13
Appearance:	Solid
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pyrazoloadenine (4-Aminopyrazolo[3,4-d]pyrimidine) is the inhibitor of human xanthine oxidase.
Targets(IC50)	c-RET,ROS

Solubility Information

Solubility	DMSO: 10.83 mg/mL (80.15 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	7.4003 mL	37.0014 mL	74.0028 mL
5 mM	1.4801 mL	7.4003 mL	14.8006 mL
10 mM	0.740 mL	3.7001 mL	7.4003 mL
50 mM	0.148 mL	0.740 mL	1.4801 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

Hsieh JF, Wu SH, Yang YL, Choong KF, Chen ST. The screening and characterization of 6-aminopurine-based xanthine oxidase inhibitors. Bioorg Med Chem. 2007 May 15;15(10):3450-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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