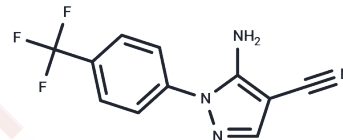


## Xanthine dehydrogenase Inhibitor 1

## Chemical Properties

CAS No. :	80025-67-8
Formula:	C <sub>11</sub> H <sub>7</sub> F <sub>3</sub> N <sub>4</sub>
Molecular Weight:	252.2
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	5-amino-1-[4-(trifluoromethyl)phenyl]-1H-pyrazole-4-carbonitrile is a compound used as a molecular structural unit and is considered to be an inhibitor of enzymes such as COX-2, 5-LOX, etc., and possesses a wide range of biochemical and physiological effects including antitumor activity, anti-inflammatory effects and antioxidant activity.
Targets(IC50)	Others,Xanthine Oxidase

## Solubility Information

Solubility	DMSO: 45 mg/mL (178.43 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	3.9651 mL	19.8255 mL	39.6511 mL
5 mM	0.793 mL	3.9651 mL	7.9302 mL
10 mM	0.3965 mL	1.9826 mL	3.9651 mL
50 mM	0.0793 mL	0.3965 mL	0.793 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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