Data Sheet (Cat.No.T50071)

C11H7F3N4



Xanthine dehydrogenase Inhibitor 1

Chemical Properties

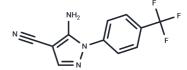
CAS No.: 80025-67-8

Molecular Weight: 252.2

Formula:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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 |

Solubility Information

Solubility DMSO: 45 mg/mL (178.43 mM)

(< 1 mg/ml refers to the product slightly soluble or insoluble)

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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