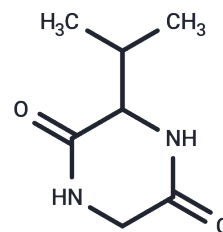


3-isopropylpiperazine-2,5-dione

Chemical Properties

CAS No. :	14771-77-8
Formula:	C ₇ H ₁₂ N ₂ O ₂
Molecular Weight:	156.185
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	3-isopropylpiperazine-2,5-dione, with CAS No. 14771-77-8, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 3-isopropylpiperazine-2,5-dione provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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Solubility Information

Solubility	DMSO: 7.57 mg/mL (48.47 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	6.4025 mL	32.0123 mL	64.0246 mL
5 mM	1.2805 mL	6.4025 mL	12.8049 mL
10 mM	0.6402 mL	3.2012 mL	6.4025 mL
50 mM	0.128 mL	0.6402 mL	1.2805 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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