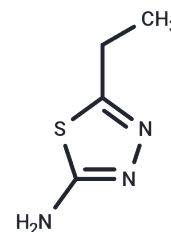


2-Amino-5-ethyl-1,3,4-thiadiazole

Chemical Properties

CAS No. :	14068-53-2
Formula:	C ₄ H ₇ N ₃ S
Molecular Weight:	129.183
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	2-Amino-5-ethyl-1,3,4-thiadiazole, with CAS No. 14068-53-2, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 2-Amino-5-ethyl-1,3,4-thiadiazole 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: 25.84 mg/mL (200.03 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	7.7411 mL	38.7057 mL	77.4114 mL
5 mM	1.5482 mL	7.7411 mL	15.4823 mL
10 mM	0.7741 mL	3.8706 mL	7.7411 mL
50 mM	0.1548 mL	0.7741 mL	1.5482 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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