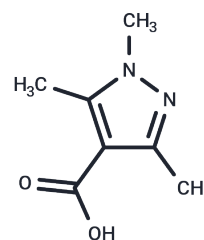


1,3,5-Trimethyl-1H-Pyrazole-4-Carboxylic Acid

Chemical Properties

CAS No. :	1125-29-7
Formula:	C7H10N2O2
Molecular Weight:	154.17
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	1,3,5-Trimethyl-1H-Pyrazole-4-Carboxylic Acid (1,3,5-trimethylpyrazole-4-carboxylic acid) is a marine derived natural products found in Cinachyrella sp.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (356.75 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	6.4863 mL	32.4317 mL	64.8635 mL
5 mM	1.2973 mL	6.4863 mL	12.9727 mL
10 mM	0.6486 mL	3.2432 mL	6.4863 mL
50 mM	0.1297 mL	0.6486 mL	1.2973 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.

Reference

Mokhlesi A, Hartmann R, Kurtán T, Weber H, Lin W, Chaidir C, Müller WEG, Daletos G, Proksch P. New 2-Methoxy Acetylenic Acids and Pyrazole Alkaloids from the Marine Sponge Cinachyrella sp. Mar Drugs. 2017 Nov 11;15(11): 356. doi: 10.3390/md15110356. PMID: 29137125; PMCID: PMC5706045.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481