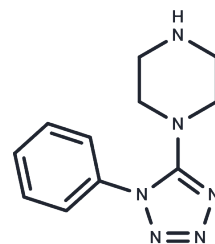


1-(1-phenyltetrazol-5-yl)piperazine HCl

Chemical Properties

CAS No. :	1171471-37-6
Formula:	C ₁₁ H ₁₅ ClN ₆
Molecular Weight:	266.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	1-(1-phenyltetrazol-5-yl)piperazine;hydrochloride (1-(1-phenyl-1H-1,2,3,4-tetrazol-5-yl)piperazine hydrochloride) is a chemical derivative of piperazine that has been used as a starting material for the synthesis of other compounds, such as anti-inflammatory agents. It modulates the activity of enzymes and proteins by binding to their active sites, and has been used in studies of enzyme inhibition and protein structure, as well as in drug metabolism.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27.5 mg/mL (103.1 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	3.7491 mL	18.7455 mL	37.4911 mL
5 mM	0.7498 mL	3.7491 mL	7.4982 mL
10 mM	0.3749 mL	1.8746 mL	3.7491 mL
50 mM	0.075 mL	0.3749 mL	0.7498 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

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