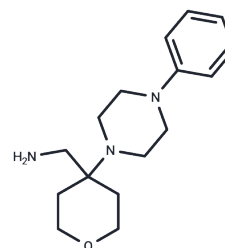


[4-(4-phenylpiperazin-1-yl)oxan-4-yl]methanamine

Chemical Properties

CAS No. :	1157013-41-6
Formula:	C16H25N3O
Molecular Weight:	275.39
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	[4-(4-phenylpiperazin-1-yl)oxan-4-yl]methanamine is a piperazine derivative that is a partial agonist at serotonin and dopamine receptors, making it a candidate for the treatment of psychiatric disorders such as depression and schizophrenia.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 16.67 mg/mL (60.53 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	3.6312 mL	18.1561 mL	36.3121 mL
5 mM	0.7262 mL	3.6312 mL	7.2624 mL
10 mM	0.3631 mL	1.8156 mL	3.6312 mL
50 mM	0.0726 mL	0.3631 mL	0.7262 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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