

7-Methoxy-8-(3-morpholin-4-ylpropoxy)-2,3-dihydroimidazo[1,2-c]quinazolin-5-amine

Chemical Properties

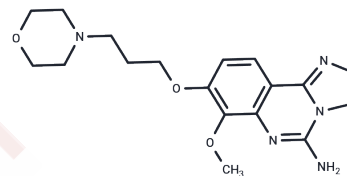
CAS No. : 1032570-74-3

Formula: C₁₈H₂₅N₅O₃

Molecular Weight: 359.43

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	7-Methoxy-8-(3-morpholin-4-ylpropoxy)-2,3-dihydroimidazo[1,2-c]quinazolin-5-amine is a building block. It has been used in the synthesis of PI3K inhibitors.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: 10 mg/mL (27.82 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	2.7822 mL	13.9109 mL	27.8218 mL
5 mM	0.5564 mL	2.7822 mL	5.5644 mL
10 mM	0.2782 mL	1.3911 mL	2.7822 mL
50 mM	0.0556 mL	0.2782 mL	0.5564 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

Scott, W.J., Hentemann, M.F., Rowley, R.B., et al. Discovery and SAR of novel 2,3-dihydroimidazo[1,2-c]quinazoline PI3K inhibitors: Identification of copanlisib (BAY 80-6946) ChemMedChem. 11(14)1517-1530(2016)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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