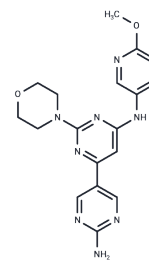


NIBR-17

Chemical Properties

CAS No. : 944396-88-7
 Formula: C₁₈H₂₀N₈O₂
 Molecular Weight: 380.4
 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	NIBR-17 is a pan class I PI3K inhibitor. NIBR-17 inhibits PI3KK α , PI3KK β , PI3KK γ , and PI3KK δ with IC ₅₀ of 1 nM, 9.2 nM, 9 nM, and 20 nM respectively.
Targets(IC ₅₀)	PI3K

Solubility Information

Solubility	DMSO: 55 mg/mL (144.58 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	2.6288 mL	13.1441 mL	26.2881 mL
5 mM	0.5258 mL	2.6288 mL	5.2576 mL
10 mM	0.2629 mL	1.3144 mL	2.6288 mL
50 mM	0.0526 mL	0.2629 mL	0.5258 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

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