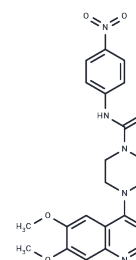


KN1022

Chemical Properties

CAS No. : 205255-11-4
 Formula: C₂₁H₂₂N₆O₅
 Molecular Weight: 438.44
 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	KN1022 is an inhibitor of phosphorylation of platelet-derived growth factor (PDGF) receptor with IC ₅₀ of 0.26 μM.
Targets(IC ₅₀)	PDGFR

Solubility Information

Solubility	DMSO: 11 mg/mL (25.09 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	2.2808 mL	11.4041 mL	22.8081 mL
5 mM	0.4562 mL	2.2808 mL	4.5616 mL
10 mM	0.2281 mL	1.1404 mL	2.2808 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 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

Blagg J, et al. Small, non-peptide C5a receptor antagonists: part 1. Bioorg Med Chem Lett. 2008 Oct 15;18(20): 5601-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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