

Pyrimidyn 7

Chemical Properties

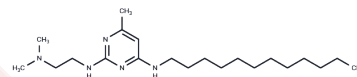
CAS No. : 1440126-94-2

Formula: C₂₁H₄₁N₅

Molecular Weight: 363.58

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

Pyrimidyn 7 is an inhibitor of dynamin I/II (dynaminI/II) with IC₅₀ values of 1.1 μM and 1.8 μM, respectively. It competitively inhibits the interaction between GTP and phospholipids with dynamin I (dynaminI). Additionally, Pyrimidyn 7 reversibly inhibits clathrin-mediated endocytosis (CME) of transferrin and epidermal growth factor (EGF) in various non-neuronal cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7504 mL	13.7521 mL	27.5043 mL
5 mM	0.5501 mL	2.7504 mL	5.5009 mL
10 mM	0.275 mL	1.3752 mL	2.7504 mL
50 mM	0.055 mL	0.275 mL	0.5501 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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