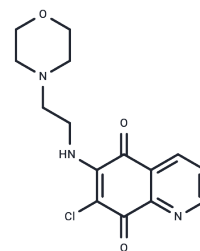


DA 3003-2

Chemical Properties

CAS No. : 383907-47-9
 Formula: C₁₅H₁₆ClN₃O₃
 Molecular Weight: 321.76
 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	DA 3003-2, a selectively potent Cdc25 inhibitor, exhibits antiproliferative activity and holds potential for prostate cancer research. It induces cell cycle arrest at the G2/M phase and increases the expression of P-tyr 15 Cdc2.
Targets(IC50)	Others,Phosphatase
In vivo	Pentigetide (1 mg ; four times daily)-treated patients showed a statistically significant greater reduction in the frequency (P = .004) and severity (P = .05) of total nasal symptom score (sneezing, nasal congestion, and rhinorrhea) and in the individual nasal symptom scores compared with placebo-treated patients.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1079 mL	15.5395 mL	31.0791 mL
5 mM	0.6216 mL	3.1079 mL	6.2158 mL
10 mM	0.3108 mL	1.554 mL	3.1079 mL
50 mM	0.0622 mL	0.3108 mL	0.6216 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

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