

SA-16

Chemical Properties

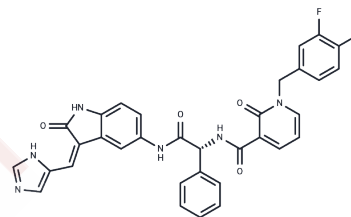
CAS No. : 1919884-11-9

Formula: C₃₃H₂₄F₂N₆O₄

Molecular Weight: 606.58

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	SA-16 is a potent dual inhibitor of PDK1 and Aurora kinase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6486 mL	8.2429 mL	16.4859 mL
5 mM	0.3297 mL	1.6486 mL	3.2972 mL
10 mM	0.1649 mL	0.8243 mL	1.6486 mL
50 mM	0.033 mL	0.1649 mL	0.3297 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

Daniele S, Sestito S, Pietrobono D, Giacomelli C, Chiellini G, Di Maio D, Marinelli L, Novellino E, Martini C, Rapposelli S. Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. *ACS Chem Neurosci*. 2017 Jan 18;8(1):100-114. doi: 10.1021/acschemneuro.6b00251. Epub 2016 Nov 10. PubMed PMID: 27797168.

Giraud K, Pontin M, Sharples LD, Fletcher P, Dalgleish T, Eden A, Jenkins DP, Vuylsteke A. Use of a Structured Mirrors Intervention Does Not Reduce Delirium Incidence But May Improve Factual Memory Encoding in Cardiac Surgical ICU Patients Aged Over 70 Years: A Pilot Time-Cluster Randomized Controlled Trial. *Front Aging Neurosci*. 2016 Sep 28;8:228. eCollection 2016. PubMed PMID: 27733826; PubMed Central PMCID: PMC5039170.

Dabul AN, Kos VN, Gilmore MS, Camargo IL. Draft Genome Sequence of Methicillin-Resistant *Staphylococcus aureus* Strain SA16, Representative of an Endemic Clone from a Brazilian Hospital. *Genome Announc*. 2013 Sep 19;1(5). pii: e00754-13. doi: 10.1128/genomeA.00754-13. PubMed PMID: 24051324; PubMed Central PMCID: PMC3778207.

Asiegbu FO, Abu S, Stenlid J, Johansson M. Sequence polymorphism and molecular characterization of laccase genes of the conifer pathogen *Heterobasidion annosum*. *Mycol Res*. 2004 Feb;108(Pt 2):136-48. PubMed PMID: 15119350.

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