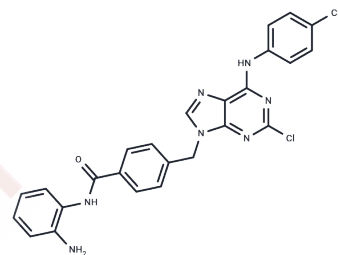


HDAC1/2 and CDK2-IN-1

Chemical Properties

CAS No. : 2418559-01-8
 Formula: C₂₆H₂₂ClN₇O
 Molecular Weight: 483.95
 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	HDAC1/2 and CDK2-IN-1 (compound 14d) are potent inhibitors of HDAC1, HDAC2, and CDK2 with IC ₅₀ values of 70.7, 23.1, and 0.80 μM, respectively. HDAC1/2 and CDK2-IN-1 can block the cell cycle and induce apoptosis, demonstrating good anti-tumor effects in vivo.
Targets(IC ₅₀)	Apoptosis,Others,HDAC,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0663 mL	10.3316 mL	20.6633 mL
5 mM	0.4133 mL	2.0663 mL	4.1327 mL
10 mM	0.2066 mL	1.0332 mL	2.0663 mL
50 mM	0.0413 mL	0.2066 mL	0.4133 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