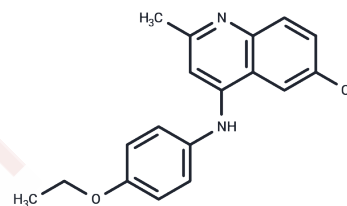


CSV0C018875

Chemical Properties

CAS No. : 442150-41-6
 Formula: C₁₈H₁₇ClN₂O
 Molecular Weight: 312.79
 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	CSV0C018875 is a quinoline-based EHMT2/G9a inhibitor that exhibits lower cytotoxicity compared to BIX-01294 [1].
Targets(IC50)	Others,Histone Methyltransferase
In vitro	CSV0C018875, at concentrations ranging from 2.5 to 20 μM over a 48-hour period, reduces H3K9me2 modification levels in histones [1]. Through Western Blot Analysis [1] conducted on HEK293 cells, with doses of 2.5 μM, 10 μM, and 20 μM, it was observed that CSV0C018875 progressively inhibits G9a enzymatic activity in a dose-dependent manner.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.197 mL	15.9852 mL	31.9703 mL
5 mM	0.6394 mL	3.197 mL	6.3941 mL
10 mM	0.3197 mL	1.5985 mL	3.197 mL
50 mM	0.0639 mL	0.3197 mL	0.6394 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