

CTX-0124143

Chemical Properties

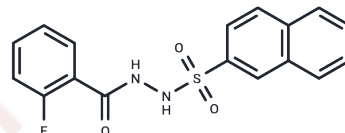
CAS No. : 423731-64-0

Formula: C₁₇H₁₃FN₂O₃S

Molecular Weight: 344.36

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	CTX-0124143 is a histone acetyltransferase inhibitor with an IC ₅₀ value of 1.0 μM for KAT6A. CTX-0124143 can be used to study cellular senescence.
Targets(IC ₅₀)	Others, Histone Acetyltransferase

Solubility Information

Solubility	DMSO: 55 mg/mL (159.72 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9039 mL	14.5197 mL	29.0394 mL
5 mM	0.5808 mL	2.9039 mL	5.8079 mL
10 mM	0.2904 mL	1.452 mL	2.9039 mL
50 mM	0.0581 mL	0.2904 mL	0.5808 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

Duan Y, et al. Discovery of N-(2-oxoethyl) sulfanilamide-derived inhibitors of KAT6A (MOZ) against leukemia by an isostere strategy. Eur J Med Chem. 2023 Nov 15;260:115770.

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