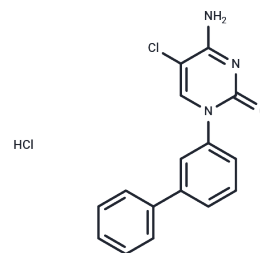


Bobcat339 hydrochloride

Chemical Properties

CAS No. :	2436747-44-1
Formula:	C ₁₆ H ₁₃ Cl ₂ N ₃ O
Molecular Weight:	334.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Bobcat339 hydrochloride can be used in the field of epigenetics and as a starting point for new therapeutics targeting DNA methylation and gene transcription. Bobcat339 hydrochloride is a potent and selective cytosine-based TET enzyme inhibitor with the IC ₅₀ values of 33 μ M and 73 μ M for TET1 and TET2, respectively [1].
In vitro	Bobcat339 (10 μ M; 24 hours) significantly reduces global 5hmC levels by inhibiting TET enzyme function in HT-22 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9922 mL	14.9611 mL	29.9222 mL
5 mM	0.5984 mL	2.9922 mL	5.9844 mL
10 mM	0.2992 mL	1.4961 mL	2.9922 mL
50 mM	0.0598 mL	0.2992 mL	0.5984 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.

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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