



UNC0379

Catalog No: tcsc3345

Available Sizes		
Size: 5mg		
Size: 10mg		
Size: 50mg		
Size: 100mg		
Specifications		
CAS No: 1620401-82-2		
Formula: C ₂₃ H ₃₅ N ₅ O ₂		
Pathway: Epigenetics		
Target: Histone Methyltransferase		
Purity / Grade: >98%		
Solubility:		

Product Description

Observed Molecular Weight:

10 mM in DMSO

413.56

UNC0379 is a selective, substrate-competitive inhibitor of the lysine methyltransferase SETD8 with IC50 of 7.3±1.0 uM; selective





over 15 other methyltransferases.

IC50 value: 7.3±1.0 uM

Target: SETD8 inhibitor

UNC0379 is a synthetic small-molecule inhibitor that displays inhibitory activity in multiple biochemical assays and is selective for SETD8 over 15 other methyltransferases. The binding affinity of UNC0379 to SETD8 was determined using biophysical assays such as ITC (isothermal titration calorimetry) and SPR (surface plasmon resonance) and is largely consistent with its potency in biochemical assays.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!