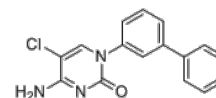


Product Name : Bobcat339
Cat. No. : PC-36114
CAS No. : 2280037-51-4
Molecular Formula : C₁₆H₁₂ClN₃O
Molecular Weight : 297.742
Target : DNA Methyltransferase (DNMT)
Solubility : 10 mM in DMSO



Biological Activity

Bobcat339 (Bobcat 339) is a novel cytosine-based **TET enzyme** inhibitor with IC₅₀ of 33 uM (TET1) and 73 uM (TET2), but not DNMT3a, does not inhibit the DNA methyltransferase DNMT3a.

Bobcat339 is a useful tool for investigation of epigenetics and serve as a starting point for new therapeutics that target DNA methylation and gene transcription.

References

Chua GNL, et al. *ACS Med Chem Lett.* 2019 Jan 31;10(2):180-185.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com