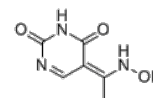


Product Name : NSC232003
Cat. No. : PC-49682
CAS No. : 1905453-18-0
Molecular Formula : C₆H₇N₃O₃
Molecular Weight : 169.14
Target : DNA Methyltransferase (DNMT)
Solubility : 10 mM in DMSO



Biological Activity

NSC232003 is a small molecule inhibitor of ubiquitin-like protein **UHRF1**, bind the 5-methylcytosine pocket of UHRF1 and inhibit its functionality, reduces **DNMT1/UHRF1** interactions in U251 glioma cells with IC₅₀ of 15 uM, induces global DNA cytosine demethylation.

References

Vassilios Myrianthopoulos, et al. *Eur J Med Chem.* 2016 May 23;114:390-6.

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

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