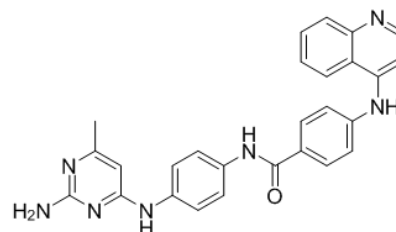


Product Name : SGI-1027
Cat. No. : PC-43810
CAS No. : 1020149-73-8
Molecular Formula : C₂₇H₂₃N₇O
Molecular Weight : 461.5178
Target : DNA Methyltransferase (DNMT)
Solubility : DMSO: 27 mg/mL



Biological Activity

SGI-1027 (SGI1027) is a potent inhibitor of **DNA methyltransferase (DNMT)** with IC₅₀s of 6-12.5 uM for DNMT1, DNMT3A, and DNMT3B.

SGI-1027 induces selective degradation of DNMT1 with minimal or no effects on DNMT3A and DNMT3B in different cancer cell lines.

References

Datta J, et al. **Cancer Res.** 2009 May 15;69(10):4277-85.

Rilova E, et al. **ChemMedChem.** 2014 Mar;9(3):590-601.

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

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