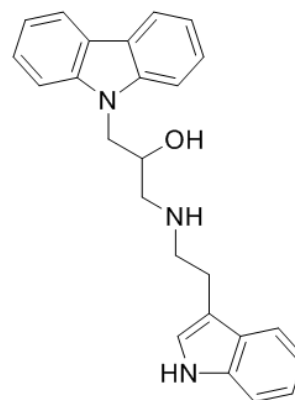


Product Name : DC_05
Cat. No. : PC-43174
CAS No. : 890643-16-0
Molecular Formula : C₂₅H₂₅N₃O
Molecular Weight : 383.4855
Target : DNA Methyltransferase (DNMT)
Solubility : 10 mM in DMSO



Biological Activity

DC_05 is a selective, non-nucleoside DNA methyltransferase **DNMT1** inhibitor with IC₅₀ of 10.3 μM, displays 3.6-fold selectivity over PRMT1 and >15-fold over DNMT3A, DNMT3B, G9a, SUV39H1, MLL1, SET7/9.

References

Chen S, et al. *J Med Chem.* 2014 Nov 13;57(21):9028-41.

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

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