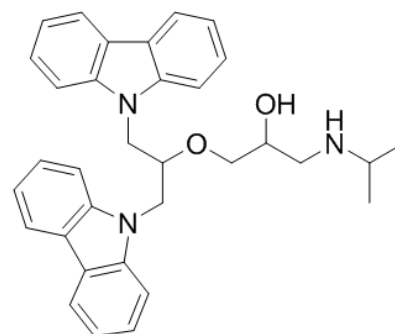


Product Name : DC-517
Cat. No. : PC-43175
CAS No. : 500017-70-9
Molecular Formula : C₃₃H₃₅N₃O₂
Molecular Weight : 505.6499
Target : DNA Methyltransferase (DNMT)
Solubility : 10 mM in DMSO



Biological Activity

DC-517 is a potent, selective, non-nucleoside DNA methyltransferase **DNMT1** inhibitor with IC₅₀ of 1.7 μM, displays significant selectivity toward other AdoMet-dependent protein methyltransferases. DC-517 significantly inhibits cancer cell proliferation in vitro.

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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