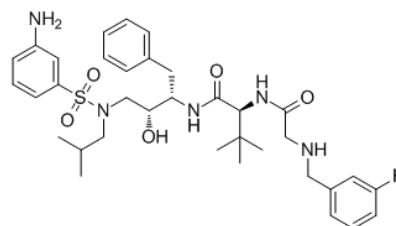


Product Name : DPC-681
Cat. No. : PC-45631
CAS No. : 284661-68-3
Molecular Formula : C₃₅H₄₈FN₅O₅S
Molecular Weight : 669.8495
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

DPC-681 (DPH-153893) is a potent and selective inhibitor of **HIV-1 protease** with IC₉₀ of 4-40 nM.

DPC-681 displays no loss in potency toward recombinant mutant HIVs with the D30N mutation and a fivefold or smaller loss in potency toward mutant variants with three to five amino acid substitutions.

References

Kaltenbach RF 3rd, et al. Antimicrob Agents Chemother. 2001 Nov;45(11):3021-8.

Solon EG, et al. Drug Metab Dispos. 2002 Nov;30(11):1164-9.

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

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