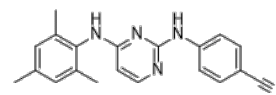


Product Name : Dapivirine
Cat. No. : PC-23582
CAS No. : 244767-67-7
Molecular Formula : C₂₀H₁₉N₅
Molecular Weight : 329.41
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

Dapivirine (TMC120, R147681) is a potent, HIV-1 nonnucleoside reverse transcriptase inhibitor (NNRTI) with IC₅₀ of 24 nM, inhibits syncytium formation of HIV-1 III_B-infected CEM T cells with EC₅₀ of 1 nM, shows high activity against wild-type and mutant HIV.

References

Van Herrewege Y, et al. Antimicrob Agents Chemother. 2004 Jan;48(1):337-9.

Njai HF, et al. Antivir Ther. 2005;10(2):255-62.

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

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