

Product Name : Dapivirine

Synonyms : TMC120

Cat No. : M13709

CAS Number : 244767-67-7

Molecular Formula : C₂₀H₁₉N₅

Formula Weight : 329.40

Chemical Name : 4-[4-[(2,4,6-Trimethylphenyl)amino]-2-pyrimidinyl]amino]benzonitrile

Description : Dapivirine (TMC120) is a non-nucleoside inhibitor for HIV reverse transcriptase with IC₅₀ of 24 nM, inhibits a broad panel of HIV-1 isolates from different classes, including a wide range of NNRTI-resistant isolates. Phase 3.

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV reverse transcriptase

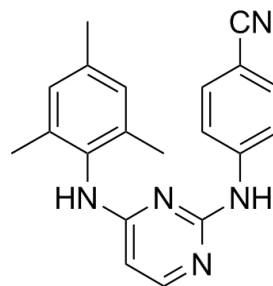
Solubility : DMSO: 34 mg/mL (103.21 mM)

SMILES : N#CC1=CC=C(NC2=NC=CC(NC3=C(C)C=C(C)C=C3C)=N2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Van Herrewege Y, et al. Antimicrob Agents ChemOthers, 2004, 48(1), 337-339.