

Etravirine

Catalog No: tcsc0435



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

269055-15-4

Formula:

$C_{20}H_{15}BrN_6O$

Pathway:

Anti-infection;Anti-infection

Target:

Reverse Transcriptase;HIV

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

R165335;TMC125

Observed Molecular Weight:

435.28

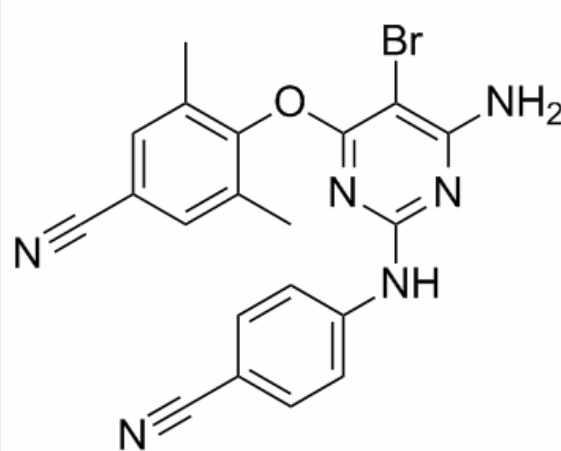
Product Description

Etravirine is a non-nucleoside reverse transcriptase inhibitor (**NNRTI**) used for the treatment of HIV.

In Vitro:

TMC125 is highly active against wild-type HIV-1 (50% effective concentration [EC₅₀]=1.4 to 4.8 nM) and shows some activity against HIV-2 (EC₅₀=3.5 μM). TMC125 also inhibits a series of HIV-1 group M subtypes and circulating recombinant forms and a group O virus. TMC125 has activity for 19 viruses with EC₅₀ of [1].

In Vivo: Etravirine has a high genetic barrier to the development of resistance. In phase IIb trials in treatment-experienced patients, including those infected with virus resistant to NNRTIs and protease inhibitors (PIs), TMC125 is active against HIV resistant to currently available NNRTIs, with a similar tolerability profile to that of the control group^[2].



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