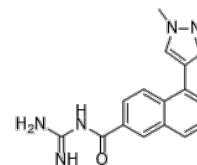


Product Name : BIT225
Cat. No. : PC-24825
CAS No. : 917909-71-8
Molecular Formula : C₁₆H₁₅N₅O
Molecular Weight : 293.33
Target : HIV
Solubility : 10 mM in DMSO



CAS: 917909-71-8

Biological Activity

BIT225 (BIT-225) is a specific small molecule inhibitor of HIV-1 Vpu ion channel activity, inhibits the release of HIV-1 in human MDM with EC50 of 2.25 uM.

BIT225 demonstrates strong activities against a wide panel of HIV-1 isolates, greatly inhibits both single-drug- and multidrug-resistant viral isolates (HIV-1 strain G-92NG003-G3, EC50=1.6 uM).

BIT225 has no effect upon the replication of HIV-2, which lacks Vpu protein.

BIT225 is post-virus integration, with no direct effects on the HIV-1 enzymes RT and protease.

References

Khoury G, et al. Antimicrob Agents Chemother. 2010 Feb;54(2):835-45.

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

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