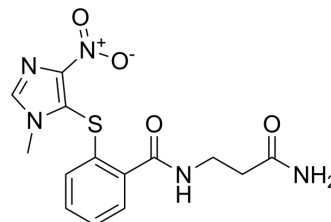


Nipamovir

Cat. No.:	HY-162074
CAS No.:	2651908-78-8
Molecular Formula:	C ₁₄ H ₁₅ N ₅ O ₄ S
Molecular Weight:	349.37
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nipamovir is a nitroimidazole prodrug. Nipamovir shows comparable antiviral activity to SAMT-247 (HY-102077) and NS-1040 in both cellular assays and a human ex vivo model of HIV infection, along with low toxicity. Nipamovir has EC₅₀ values of 3.64±3.28 and 3.23±2.81 μM for CEM-SS/HIV-1RF and hPBMC/HIV-192HT599, respectively^[1].

REFERENCES

[1]. Marco Robello, et al. Prodrug Strategy Extends the Use of Anti-HIV Sulfanylbenzamides for Application In Vivo. ACS Pharmacol. Transl. Sci. December 14, 2023.

Caution: Product has not been fully validated for medical applications. For research use only.

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