

Product Data Sheet

Product Name: Nipamovir

Cat. No.: GC73971

Chemical Properties

Cas. No. 2651908-78-8

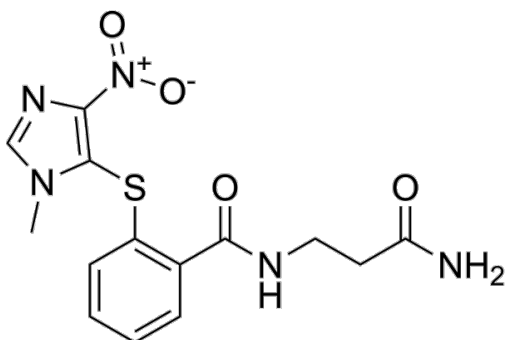
Formula $C_{14}H_{15}N_5O_4S$ M.Wt 349.37

Solubility DMSO : 100 mg/mL (286.23 mM; Storage -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Nipamovir is a nitroimidazole prodrug. Nipamovir shows comparable antiviral activity to SAMT-247 and NS-1040 in both cellular assays and a human ex vivo model of HIV infection, along with low

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

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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.

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.

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