
Product Data Sheet

Product Name: Azvudine
Cat. No.: GC25117

Chemical Properties

Cas. No. 1011529-10-4

Formula C₉H₁₁FN₆O₄

M.Wt 286.22

Solubility DMSO: 57 mg/mL (199.15 mM);Water: 57 mg/mL (199.15 mM);Ethanol: 57 mg/mL (199.15 mM)

Store
Storage at -
20°C

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

Azvudine (RO-0622) is a novel nucleoside reverse transcriptase inhibitor with antiviral activity against human immunodeficiency virus (HIV), hepatitis B virus (HBV) and hepatitis C virus (HCV), potently inhibits HIV-1 (EC₅₀ range 0.03 to 6.92 nM) and HIV-2 (EC₅₀s ranging from 0.018 to 0.025 nM).

[1] Wang RR, et al. PLoS One. 2014 Aug 21;9(8):e105617.

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

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