
Product Data Sheet

Product Name: beta-L-D4A

Cat. No.: GC33989

Chemical Properties

Cas. No. 7057-48-9

SMILES OC[C@@H](O1)C=C[C@@H]1N2C=NC3=C(N)N=CN=C32Formula C₁₀H₁₁N₅O₂ M.Wt 233.23

Solubility Soluble in DMSO Storage Store 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**

beta-L-D4A is a nucleoside HIV-1 reverse transcriptase inhibitor.

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Reference:

[1]. Ponomareva AG, et al. Structural and energetic properties of the potential HIV-1 reverse transcriptase inhibitors d4A and d4G: a comprehensive theoretical investigation. J Biomol Struct Dyn. 2014;32(5):730-40.

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

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