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**Product Data Sheet**

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Product Name: Nucleoside-Analog-2

Cat. No.: GC33959

**Chemical Properties**

Cas. No. 876708-01-9

SMILES O[C@@H]1[C@](CO)(N=[N+]=[N-])O[C@@H](N2C(NC(C=C2)=O)=O)[C@H]1OFormula C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>6</sub> M.Wt 285.21

Solubility Water : 20 mg/mL (70.12 mM) 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**

Nucleoside-Analog-2 is a 4'-Azidocytidine analogue against Hepatitis C virus (HCV) replication.

Nucleoside-Analog-2 is a 4'-Azidocytidine analogue against Hepatitis C virus (HCV) replication. Reference to compound 12[1].

[1]. Smith DB, et al. The design, synthesis, and antiviral activity of 4'-azidocytidine analogues against hepatitis C virus replication: the discovery of 4'-azidoarabinocytidine. J Med Chem. 2009 Jan 8;52(1):219-23.

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

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