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**Product Data Sheet**


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Product Name: ADU-S100 enantiomer Ammonium salt

Cat. No.: GC35259

**Chemical Properties**

Cas. No.

SMILES O[C@@H]1[C@H](O[P@@]2(S)=O)[C@@H](CO[P@@](O[C@H]([C@@H]3O)[C@H](N4C=NC5=C4N=CN=C5N)O[C@@H]3CO2)(S)=O)O[C@H]1N6C=NC7=C6N=CN=C7N.N.N

Formula C<sub>20</sub>H<sub>30</sub>N<sub>12</sub>O<sub>10</sub>P<sub>2</sub>S<sub>2</sub> M.Wt 724.6

Solubility DMSO: 50 mg/mL (69.00 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**

ADU-S100 enantiomer (Ammonium salt) is the less active enantiomer of ADU-S100. ADU-S100 is an activator of stimulator of interferon genes (STING)[1].

[1]. Corrales L, et al. Direct Activation of STING in the Tumor Microenvironment Leads to Potent and Systemic Tumor Regression and Immunity. Cell Rep. 2015 May 19;11(7):1018-30.

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

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