

## Product Data Sheet

Product Name: Deuterated Atazanivir-D3-3

Cat. No.: GC15050

### Chemical Properties

Cas. No. 1092540-52-7

Chemical Name 2,5,6,10,13-Pentaazatetradecanedioic acid, 3,12-bis[1,1-di(methyl-d3)ethyl-2,2,2-d3]-8-hydroxy-4,11-dioxo-9-(phenylmethyl)-6-[[4-(2-pyridinyl)phenyl]methyl]-, 1,14-dimethyl ester, (3S,8S,9S,12S)-

SMILES O=C(OC)N[C@@H](C(C([2H])([2H])[2H])(C([2H])([2H])[2H])C([2H])([2H])[2H])C(NN(CC1=CC=C(C2=NC=CC=C2)C=C1)C[C@H](O)[C@H](CC3=CC=CC=C3)NC([C@H](C(C([2H])([2H])[2H])(C([2H])([2H])[2H])C([2H])([2H])[2H])NC(OC)=O)=O)=O

Formula C<sub>38</sub>H<sub>34</sub>D<sub>18</sub>N<sub>6</sub>O<sub>7</sub>

M.Wt 722.97

Solubility Soluble in DMSO or Water or ethanol

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

Atazanivir-D3-3 is a azapeptide derivative and inhibits HIV protease.

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

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