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**Product Data Sheet**


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Product Name: Deuterated Atazanivir-D3-2

Cat. No.: GC11772

**Chemical Properties**

Cas. No. 1092540-51-6

Chemical Name methyl N-[(2S)-1-[2-[(2S,3S)-2-hydroxy-4-phenyl-3-[[[(2S)-4,4,4-trideuterio-2-(methoxycarbonylamino)-3,3-bis(trideuteriomethyl)butanoyl]amino]butyl]-2-[(4-pyridin-2-ylphenyl)methyl]hydrazinyl]-3,3-dimethyl-1-oxobutan-2-yl]carbamate

SMILES O=C(OC)N[C@@H](C(C)(C)C)C(NN(C[C@H](O)[C@@H](NC([C@@H](NC(OC)=O)C(C([2H])([2H])[2H])(C([2H])([2H])[2H])C([2H])([2H])[2H])=O)CC1=CC=CC=C1)CC2=CC=C(C3=NC=CC=C3)C=C2)=O

Formula C<sub>38</sub>H<sub>43</sub>D<sub>9</sub>N<sub>6</sub>O<sub>7</sub>

M.Wt 713.91

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-D3-2 is a azapeptide derivative and inhibits HIV protease.

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

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