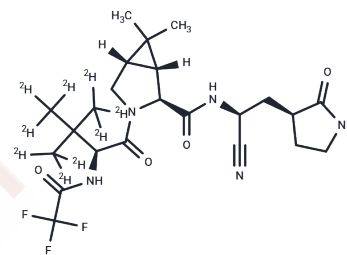


Nirmatrelvir-D9

Chemical Properties

CAS No. :	2861202-76-6
Formula:	C ₂₃ H ₂₃ D ₉ F ₃ N ₅ O ₄
Molecular Weight:	508.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nirmatrelvir-D9 is a deuterated compound of Nirmatrelvir. Nirmatrelvir (T9351) has a CAS number of 2628280-40-8. PF-07321332 is a potent and orally active inhibitor of SARS-CoV 3C-like protease (3CLPRO).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9663 mL	9.8313 mL	19.6626 mL
5 mM	0.3933 mL	1.9663 mL	3.9325 mL
10 mM	0.1966 mL	0.9831 mL	1.9663 mL
50 mM	0.0393 mL	0.1966 mL	0.3933 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Schooley R T , Carlin A F , Beadle J R , et al. Rethinking Remdesivir: Synthesis of Lipid Prodrugs that Substantially Enhance Anti-Coronavirus Activity. 2020.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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