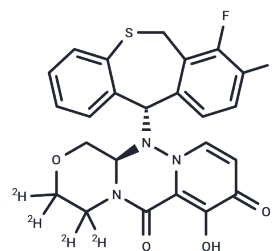


## Baloxavir-D4

## Chemical Properties

CAS No. :	2415027-80-2
Formula:	C <sub>24</sub> H <sub>15</sub> D <sub>4</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	487.51
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	Baloxavir-D4 is a deuterated compound of Baloxavir. Baloxavir (T14495) has a CAS number of 1985605-59-1. Baloxavir (T14495) is a first-in-class cap-dependent endonuclease inhibitor of the influenza virus polymerase PA subunit.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0512 mL	10.2562 mL	20.5124 mL
5 mM	0.4102 mL	2.0512 mL	4.1025 mL
10 mM	0.2051 mL	1.0256 mL	2.0512 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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

- Omoto S, et al. Characterization of influenza virus variants induced by treatment with the endonuclease inhibitor baloxavir marboxil. Sci Rep. 2018 Jun 25;8(1):9633.

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