

## Delamanid D4

## Chemical Properties

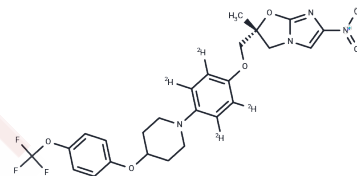
CAS No. :

Formula: C<sub>25</sub>H<sub>21</sub>D<sub>4</sub>F<sub>3</sub>N<sub>4</sub>O<sub>6</sub>

Molecular Weight: 538.51

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

Delamanid-D4 is deuterium-labeled Delamanid. Delamanid (T4202) is a newer mycobacterial cell wall synthesis inhibitor that inhibits the synthesis of mucus acid.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.857 mL	9.2849 mL	18.5698 mL
5 mM	0.3714 mL	1.857 mL	3.714 mL
10 mM	0.1857 mL	0.9285 mL	1.857 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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

Sotgiu G et al. Delamanid (OPC-67683) for treatment of multi-drug-resistant tuberculosis. Expert Rev Anti Infect Ther. 2015 Mar;13(3):305-15.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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