

## Hydroxychloroquine-D5

### Chemical Properties

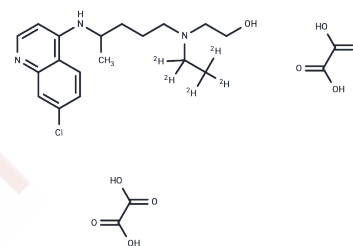
CAS No. :

Formula: C<sub>22</sub>H<sub>25</sub>D<sub>5</sub>ClN<sub>3</sub>O<sub>9</sub>

Molecular Weight: 520.97

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

Hydroxychloroquine-D5 is a deuterated compound of Hydroxychloroquine. Hydroxychloroquine (T9287) has a CAS number of 118-42-3. Hydroxychloroquine (T9287) (HCQ) is an alkalinizing lysosomatropic drug that acts by inducing apoptosis of renal cancer cells in vitro and inhibiting TLR7/9. It is a medication used to prevent and treat malaria, and it's also being studied as an experimental treatment for COVID-19.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9195 mL	9.5975 mL	19.195 mL
5 mM	0.3839 mL	1.9195 mL	3.839 mL
10 mM	0.1919 mL	0.9597 mL	1.9195 mL
50 mM	0.0384 mL	0.1919 mL	0.3839 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.

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