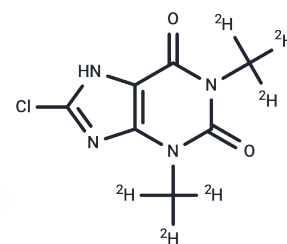


## 8-Chlorotheophylline-D6

### Chemical Properties

CAS No. : 1346598-95-5  
 Formula: C7HD6ClN4O2  
 Molecular Weight: 220.65  
 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	8-Chlorotheophylline-D6 is a deuterated compound of 8-Chlorotheophylline (PDK0377). 8-Chlorotheophylline (PDK0377) has a CAS number of 85-18-7.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5321 mL	22.6603 mL	45.3206 mL
5 mM	0.9064 mL	4.5321 mL	9.0641 mL
10 mM	0.4532 mL	2.266 mL	4.5321 mL
50 mM	0.0906 mL	0.4532 mL	0.9064 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

Kumar P, et al. Drug Deliv Transl Res. 2015 Jun;5(3):243-56.

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