

## Berberine-D6 chloride

## Chemical Properties

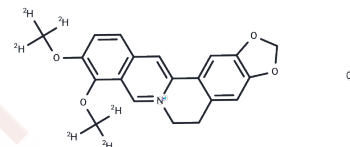
CAS No. :

Formula: C<sub>20</sub>H<sub>12</sub>D<sub>6</sub>ClNO<sub>4</sub>

Molecular Weight: 377.85

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

Berberine-D6 chloride is a deuterated compound of Berberine (chloride) (T0461). Berberine (chloride) has a CAS number of 633-65-8. Berberine hydrochloride is an alkaloid from *Hydrastis canadensis* L., Berberidaceae and also found in many other plants. It is relatively toxic to parenterally but has been used orally for various fungal and parasitic infections and an anti-diarrheal.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6466 mL	13.2328 mL	26.4655 mL
5 mM	0.5293 mL	2.6466 mL	5.2931 mL
10 mM	0.2647 mL	1.3233 mL	2.6466 mL
50 mM	0.0529 mL	0.2647 mL	0.5293 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

- Zhang Y, et al. J Pharmacol Exp Ther. 2014 Jun; 349(3):417-26.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481