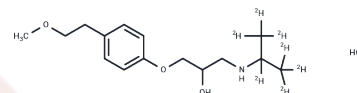


## Metoprolol-D7 hydrochloride

## Chemical Properties

CAS No. :	1219798-61-4
Formula:	C <sub>15</sub> H <sub>19</sub> D <sub>7</sub> ClNO <sub>3</sub>
Molecular Weight:	310.87
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	Metoprolol-D7 hydrochloride is a deuterated compound of Metoprolol Hydrochloride. Metoprolol Hydrochloride (T71800) has a CAS number of 56392-18-8. Metoprolol is a selective $\beta_1$ receptor blocker medication. Metoprolol is used to treat high blood pressure, chest pain due to poor blood flow to the heart, and a number of conditions involving an abnormally fast heart rate.
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2168 mL	16.0839 mL	32.1678 mL
5 mM	0.6434 mL	3.2168 mL	6.4336 mL
10 mM	0.3217 mL	1.6084 mL	3.2168 mL
50 mM	0.0643 mL	0.3217 mL	0.6434 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

Sabbah HN, et al. J Am Coll Cardiol, 2000, 36(5), 1698-1705.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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