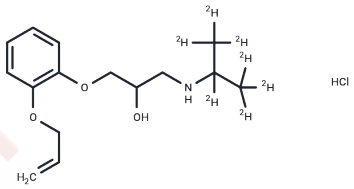
Data Sheet (Cat.No.TMIH-0417)

TargetMol

Oxprenolol-D7 hydrochloride

Chemical Properties



CAS No. : 1189649-47-5

Formula: C15H17D7ClNO3

Molecular Weight: 308.85

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	Oxprenolol-D7 hydrochloride is a deuterated compound of Oxprenolol hydrochloride. Oxprenolol hydrochloride (T19793) has a CAS number of 6452-73-9. Oxprenolol hydrochloride (T19793) is a non-selectiveβ-adrenergic blocking agent (Ki = 7.10 nM).
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2378 mL	16.1891 mL	32.3782 mL
5 mM	0.6476 mL	3.2378 mL	6.4756 mL
10 mM	0.3238 mL	1.6189 mL	3.2378 mL
50 mM	0.0648 mL	0.3238 mL	0.6476 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

1. Devi KP, et al. Zero-order release formulation of oxprenolol hydrochloride with swelling and erosion control. Pharm Res. 1989 Apr;6(4):313-7.

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