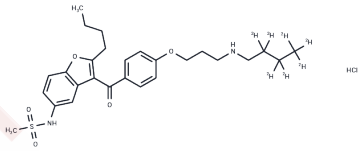
Data Sheet (Cat.No.T205984)

TargetMol

N-Desbutyl Dronedarone-D7 hydrochloride

Chemical Properties



CAS No. :

Formula: C27H30D7ClN2O5S

Molecular Weight: 544.15

Storage: Store at low temperature
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	N-Desbutyl Dronedarone-D7 hydrochloride is the deuterium-labelled isomer of N-Desbutyl Dronedarone hydrochloride (T35712), used for isotope tracing. N-Desbutyl Dronedarone is a metabolite of the antiarrhythmic drug Dronedarone.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8377 mL	9.1886 mL	18.3773 mL
5 mM	0.3675 mL	1.8377 mL	3.6755 mL
10 mM	0.1838 mL	0.9189 mL	1.8377 mL
50 mM	0.0368 mL	0.1838 mL	0.3675 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

Adams KN, et al. Verapamil, and its metabolite norverapamil, inhibit macrophage-induced, bacterial efflux pump-mediated tolerance to multiple anti-tubercular drugs. J Infect Dis. 2014 Aug 1;210(3):456-66.
Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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