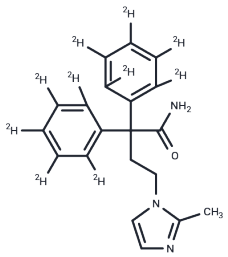
Data Sheet (Cat.No.TMIJ-0336)

TargetMol

Imidafenacin-D10

Chemical Properties



CAS No. :

Formula: C20H11D10N3O

Molecular Weight: 329.46

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	Imidafenacin-D10 is a deuterated compound of Imidafenacin. Imidafenacin (T4986) has a CAS number of 170105-16-5. Imidafenacin (KRP-197; ONO-8025) is a potent and selective inhibitor of M3 receptors with Kb of 0.317 nM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0353 mL	15.1763 mL	30.3527 mL
5 mM	0.6071 mL	3.0353 mL	6.0705 mL
10 mM	0.3035 mL	1.5176 mL	3.0353 mL
50 mM	0.0607 mL	0.3035 mL	0.6071 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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