

## Ivabradine-D3 hydrochloride

## Chemical Properties

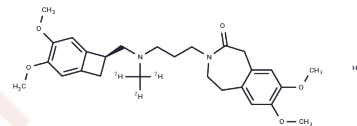
CAS No. : 1217809-61-4

Formula: C<sub>27</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>5</sub>

Molecular Weight: 508.07

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	Ivabradine-D3 hydrochloride is a new If inhibitor with IC <sub>50</sub> of 2.9 μM, and used as a pure heart rate lowering agent. Ivabradine hydrochloride (TMSM-3413) is the deuterium labeled Ivabradine hydrochloride.
Targets(IC <sub>50</sub> )	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9682 mL	9.8412 mL	19.6823 mL
5 mM	0.3936 mL	1.9682 mL	3.9365 mL
10 mM	0.1968 mL	0.9841 mL	1.9682 mL
50 mM	0.0394 mL	0.1968 mL	0.3936 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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