
Product Data Sheet

Product Name: Ivabradine D6 hydrochloride

Cat. No.: GC34289

Chemical Properties

Cas. No.

SMILES O=C1N(CCCN(C)C[C@@H]2C(C=C(OC)C(OC)=C3)=C3C2)CCC4=CC(OC([2H])([2H]))=C(OC([2H])([2H])[2H])C=C4C1.[H]ClFormula $C_{27}H_{31}D_6ClN_2O_5$ M.Wt 511.08Solubility H_2O : 50 mg/mL (97.83 mM; Need ultrasonic); DMSO : 25 mg/mL (48.92 mM; Need ultrasonic) Store Storage at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ivabradine D6 hydrochloride is the deuterium labeled Ivabradine hydrochloride. Ivabradine hydrochloride is a new If inhibitor with IC50 of 2.9 μM, and used as a pure heart rate lowering agent.

Caution: Product has not been fully validated for medical applications. For research use only.

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