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**Product Data Sheet**

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Product Name: 8-Demethyl Ivabradine

Cat. No.: GC60541

**Chemical Properties**

Cas. No. 304464-97-9

SMILES O=C1N(CCCN(C[C@@H]2C3=CC(OC)=C(OC)C=C3C2)C)CCC4=CC(OC)=C(O)C=C4C1Formula  $C_{26}H_{34}N_2O_5$  M.Wt 454.56Solubility Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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**

8-Demethyl Ivabradine is a metabolite of Ivabradine. Ivabradine is an orally bioavailable, hyperpolarization-activated, cyclic nucleotide-gated (HCN) channel blocker[1].

[1]. M François-Bouchard, et al. Simultaneous determination of ivabradine and its metabolites in human plasma by liquid chromatography--tandem mass spectrometry. J Chromatogr B Biomed Sci Appl. 2000 Aug 18;745(2):261-9.

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

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