

Product Name : Ivabradine hydrochloride

Synonyms : S 16257

Cat No. : M12059

CAS Number : 148849-67-6

Molecular Formula : C₂₇H₃₇ClN₂O₅

Formula Weight : 505.05

Chemical Name : —

Description : Ivabradine hydrochloride, a new If inhibitor with IC₅₀ of 2.9 μM, which is a pure heart rate lowering agent.

Pathway : Endocrinology/Hormones

Target : Adrenergic Receptor

Receptor : Adrenergic Receptor

Solubility : Ethanol: 101 mg/mL (199.98 mM); Water: 82 mg/mL (162.36 mM); DMSO: 101 mg/mL (199.98 mM)

SMILES : CN(CCCN1CCC2=CC(=C(C=C2CC1=O)OC)OC)C[C@H]3CC4=CC(=C(C=C34)OC)OC.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Fang Y, et al. J Cardiovasc Pharmacol, 2012. 59(3): p. 260-7.

