

Product Name : Vortioxetine (Lu AA21004) HBr

Synonyms : —

Cat No. : M16850

CAS Number : 960203-27-4

Molecular Formula : C₁₈H₂₂N₂S·HBr

Formula Weight : 379.36

Chemical Name : —

Description : Vortioxetine (Lu AA21004) is a multimodal serotonergic agent, inhibits 5-HT_{1A}, 5-HT_{1B}, 5-HT_{3A}, 5-HT₇ receptor and SERT with IC₅₀ of 15 nM, 33 nM, 3.7 nM, 19 nM and 1.6 nM, respectively.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT_{1A}; 5-HT_{1B}; 5-HT_{3A}; 5-HT₇; SERT

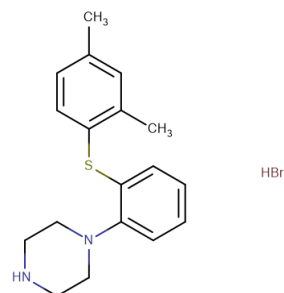
Solubility : Ethanol: 17 mg/mL (44.81 mM); DMSO: 76 mg/mL (200.33 mM)

SMILES : CC1=CC(=C(C=C1)SC2=CC=CC=C2N3CCNCC3)C.Br

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Bang-Andersen B, et al. J Med Chem, 2011, 54(9), 3206-322