

Product Name : Vortioxetine

Synonyms : —

Cat No. : M14740

CAS Number : 508233-74-7

Molecular Formula : C₁₈H₂₂N₂S

Formula Weight : 298.45

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

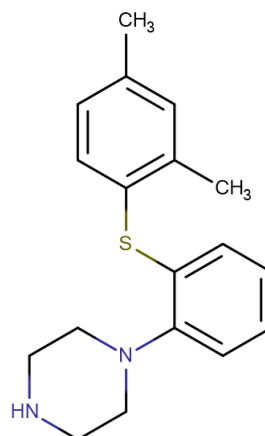
Solubility : DMSO, Ethanol: 200 mM

SMILES : CC1=CC(C)=C(SC2=CC=CC=C2N2CCNCC2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



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