

Product Name : Org-26576

Synonyms : Org26576; Org 26576

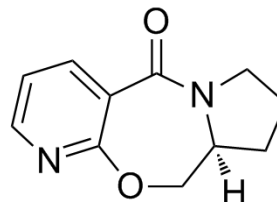
Cat No. : M10131

CAS Number : 1026791-61-6

Molecular Formula : C₁₁H₁₂N₂O₂

Formula Weight : 204.23

Chemical Name : 5H,7H-Pyrido[3,2-f]pyrrolo[2,1-c][1,4]oxazepin-5-one, 8,9,9a,10-tetrahydro-, (9aS)-



Description : A potent AMPA receptor positive allosteric modulator; displays 10-30 fold greater potency in potentiating AMPA-mediated electrophysiological responses with an EC₅₀ of 8-16 μ M in rat hippocampal primary cultured neurons, compared to CX516; increases neuronal cell proliferation and survival in adult rodent hippocampus; produces nootropic effects in vivo. Depression Phase 2 Clinical

Pathway : Membrane Transporter/Ion Channel

Target : iGluR

Receptor : iGluR

Solubility : 10 mM in DMSO

SMILES : O=C1N(CCC2)[C@]2([H])COC3=NC=CC=C13

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Jordan GR, et al. Neuropharmacology. 2005 Aug;49(2):254-64. | 2. Su XW, et al. Psychopharmacology (Berl). 2009 Oct;206(2):215-22. | 3. Hamlyn E, et al. Behav Pharmacol. 2009 Oct;20(7):662-7. | 4. Bursi R, et al. Psychopharmacology (Berl). 2011 Dec;218(4):713-24.