
Product Data Sheet

Product Name: UoS 12258

Cat. No.: GC50428

Chemical Properties

Cas. No. 875927-64-3

SMILES CC(S(=O)(N[C@H]1CC2=CC=C(C3=CN=C(C=C3)F)C=C2C1)=O)CFormula C₁₇H₁₉FN₂O₂S M.Wt 334.41

Solubility Soluble in DMSO Storage Store at -20°C

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

Positive allosteric modulator of AMPA receptors (pEC₅₀ = 5.2 for potentiation of AMPA-mediated currents in vitro). Also potentiates AMPA-mediated synaptic responses in vivo. Improves performance of rats in various learning and memory paradigms

Ward et al (2010) Discovery of N-[(2S)-5-(6-fluoro-3-pyridinyl)-2,3-dihydro-1H-inden-2-yl]-2-propanesulfonamide, a novel clinical AMPA receptor positive modulator.

J.Med.Chem. 53 5801 PMID:20614889 |Ward et al (2017) Pharmacological characterization of N-[(2S)-5-(6-fluoro-3-pyridinyl)-2, 3-dihydro-1H-inden-2-yl]-2-propanesulfonamide: a novel, clinical AMPA receptor positive allosteric modulator. Br.J.Pharmacol. 174 370 PMID:28009436

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

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