Product Data Sheet

Product Name: VU 0364439
CAS No.: 1246086-78-1
Cat. No.: HY-15476
MWt: 422.29
Formula: C18H13Cl2N3O3S
Purity: >98%

Solubility: DMSO > 80 mg/ml; Water <1 mg/mL

Mechanisms:
Pathways: GPCR/G protein; Target: mGluR

Biological Activity:
VU 0364439 is a mGlu4 positive allosteric modulator (PAM), with EC50 of 19.8 nM. IC50 Value: 19.8 nM(EC50)
Target: mGluR
in vitro:
in vivo: VU 0364439 possess less than ideal PK properties preventing their use as in vivo tools. It shows better stability in HLM (63% remaining) than RLM (2% remaining).

References:
[1]. Hong, Sang-Phyo; Liu, Kevin G.; Ma, Gil et al. Tricyclic Thiazolopyrazole Derivatives as Metabotropic Glutamate Receptor 4 Positive Allosteric Modulators. Journal of Medicinal Chemistry (2011), 54(14), 5070-5081.

Caution: Not fully tested. For research purposes only
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