

DATASHEET

VU 0364439

Product overview

Name	VU 0364439
Cat No	HB0639
Biological action	PAM
Purity	>99%
Description	Potent mGlu ₄ positive allosteric modulator

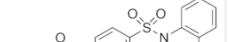
Biological Data

Biological description Potent mGlu₄ receptor positive allosteric modulator (EC₅₀ = 19.8 nM).

Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	N-[3-Chloro-4-[[[(2-chlorophenyl)amino]sulfonyl]phenyl]-2-pyridinecarboxamide
Molecular Weight	422.29
Chemical structure	
Molecular Formula	C ₁₈ H ₁₃ Cl ₂ N ₃ O ₃ S
CAS Number	1246086-78-1
PubChem identifier	46934289
SMILES	O=C(NC2=CC(Cl)=C(S(NC3=C(Cl)C=CC=C3)(=O)=O)C=C2)C1=NC=CC=C1
InChiKey	IXHCGJXBIIHIEF-UHFFFAOYSA-N

References

Synthesis and SAR of novel, 4-(phenylsulfamoyl)phenylacetamide mGlu4 positive allosteric modulators (PAMs) identified by functional high-throughput screening (HTS).

Engers DW *et al* (2010) Bioorg Med Chem Lett 20(17)

PubMedID

20667732