

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com



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 mGlu ₄ receptor positive allosteric modulator (EC ₅₀ = 19.8 nM).
-------------------------------	---

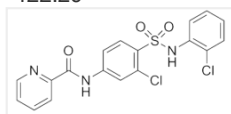
Solubility & Handling

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

C₁₈H₁₃Cl₂N₃O₃S

CAS Number

1246086-78-1

PubChem identifier

46934289

SMILES

O=C(NC2=CC(Cl)=C(S(=O)(=O)NC3=CC(Cl)=CC=C3)C=C2)C1=NC=CC=C1

InChiKey

IXHCGJXBIHHIEF-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](#)