

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

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

customercare-usa@m2stage.hellobio.com



DATASHEET

Raseglurant (ADX 10059 hydrochloride)

Product overview

Name	Raseglurant (ADX 10059 hydrochloride)
Cat No	HB1557
Biological action	NAM
Purity	>98%
Description	mGlu ₅ negative allosteric modulator

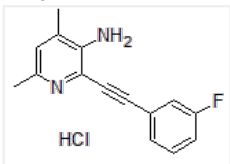
Biological Data

Biological description	mGlu ₅ receptor negative allosteric modulator. Analog of MPEP . Potential anti-reflux and anti-migraine actions. JF-NP-26 (Caged-Raseglurant) also available.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100 mM)
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	2-[(3-Fluorophenyl)ethynyl]-4,6-dimethyl-3-pyridinamine hydrochloride
Molecular Weight	276.74
Chemical structure	
Molecular Formula	C ₁₅ H ₁₃ N ₂ F · HCl
CAS Number	757949-98-7
PubChem identifier	18454771
SMILES	CC1=CC(=NC(=C1N)C#CC2=CC(=CC=C2)F)C.Cl
Source	Synthetic
InChi	InChI=1S/C15H13FN2.ClH/c1-10-8-11(2)18-14(15(10)17)7-6-12-4-3-5-13(16)9-12;/h3-5,8-9H,17H2,1-2H3;1H
InChiKey	BDXXMGYKLQZXOU-UHFFFAOYSA-N
Appearance	Yellow solid

References

A proof-of-concept study evaluating the effect of ADX10059, a metabotropic glutamate receptor-5 negative allosteric modulator, on acid exposure and symptoms in gastro-oesophageal reflux disease.

Keywood C *et al* (2009) Gut 58(9)

PubMedID [19460767](#)

6-Aryl-3-pyrrolidinylpyridines as mGlu5 receptor negative allosteric modulators.

Weiss JM *et al* (2011) Bioorg Med Chem Lett 21(16)

PubMedID [21757343](#)
