CD BioGlyco
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Product Information

H4R antagonist 1

Cat. No.: X23-12-YM1199

Size: 1 mg; 5 mg; 10 mg; 50 mg

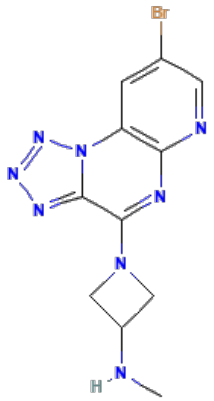
CAS Number: 1429375-54-1

Compound CID: 71548412

Synonym: 1429375-54-1;

1-(8-Bromopyrido[2,3-e]tetrazolo[1,5-a]pyrazin-4-yl)-*N*-methyl-3-azetidinamine

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	H4R antagonist 1 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets human H4 receptor, and mouse H4 receptor.
Molecular Weight	335.16
Molecular Formula	$C_{11}H_{11}BrN_8$
Targets	Human H4 receptor: 27 nM; Mouse H4 receptor: 290 nM
IUPAC Name	1-(12-Bro mo-2,3,4,5,8,10-hex azatricyclo[7.4.0.02,6]trideca-1(9),3,5,7,10,12-hexaen-7-yl)-*N*-methylazetidin-3-amine
InChI	InChI=1S/C11H11BrN8/c1-13-7-4-19(5-7)10-11-16-17-18-20(11)8-2-6(12)3-14-9(8)15-10/h2-3,7,13H,4-5H2,1H3
InChI Key	ICGICUHMULRYIQ-UHFFFAOYSA-N
Canonical SMILES	CNC1CN(C1)C2=NC3=C(C=C(C=N3)Br)N4C2=NN=N4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	H4R antagonist 1 can be used for its anti-itching and anti-inflammation activity.
Storage	Store at -20°C, and keep desiccated.