

Product Datasheet

H4 Receptor antagonist 1 (orb1301452)

Catalog Number	orb1301452
Category	Small Molecules
Description	This compound is a potent and selective inverse agonist of the histamine H4 receptor, exhibiting an IC50 of 19 nM. It is a valuable research tool for investigating the role of the H4 receptor in immunological and inflammatory processes, suitable for both in vitro binding assays and in vivo disease model studies.
Target	Histamine Receptor
Purity	98.81% (May vary between batches)
MW	316.79
Target Areas	Histamine Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.16 mM);DMSO:10 mg/mL (31.57 mM)
CAS Number	848217-00-5
Formula	C ₁₆ H ₁₇ ClN ₄ O
SMILES	CN1CCN(CC1)c1nc(C)nc2c3cc(Cl)ccc3oc12
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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