

Product Datasheet

Betahistine mesylate (orb1310796)

Catalog Number	orb1310796
Category	Small Molecules
Description	Betahistine mesylate is a histamine H1 receptor agonist and vasodilator used in research on Meniere's disease and vascular headaches. Its applications extend to in vivo models of vestibular dysfunction, though it is contraindicated in studies involving asthma or ulcer pathogenesis.
Target	Histamine Receptor
Purity	99.85% (May vary between batches)
MW	328.4
Target Areas	Histamine Receptor
Solubility (25°C)	DMSO:59 mg/mL (179.66 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (6.09 mM)
CAS Number	54856-23-4
Formula	$C_8H_{12}N_2 \cdot 2(CH_4O_3S)$
SMILES	<chem>CS(O)(=O)=O.CNCCc1cccn1</chem>
Storage	keep away from direct sunlight,store under nitrogen Pure form: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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