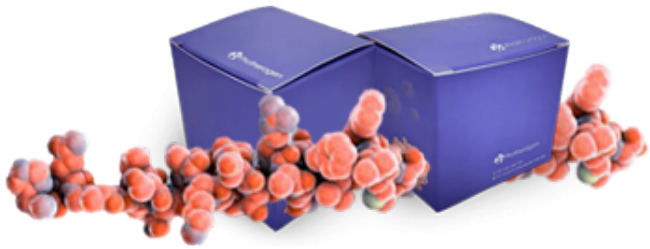
Protheragen Obesity



Betahistine mesylate

Cat. No.:	OB0225LY-0150
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR.
Size:	10 mg; 20 mg; 50 mg; 100 mg

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

Product Overview

Description	Betahistine mesylate is a histamine analog and H1 receptor agonist.
Synonym	Extovyl; Melopat; Meginalisk; 54856-23-4; Riptonin; 2-Pyridineethanamine, *N-methyl-, dimethanesulfonate; N-Methyl-2-(2-pyridinyl)ethanamine methan esulfonate; N-Methyl-2-pyridin-2-ylethylamine dimethanesulfonate; N-Methyl-2-(pyridin-2-yl)ethanamine dimethanesulfonate*
CAS No.	54856-23-4
Compound CID	198334
Formula	$C_8H_{12}N_2 \cdot 2(CH_4O_3S)$
Formula Weight	328.4

Specification

IUPAC Name	Methanesulfonic acid;*N*-methyl-2-pyridin-2-ylethanamine
InChI	InChI=1S/C8H12N2.2CH4O3S/c1-9-7-5-8-4-2-3-6-10-8;2*1-5(2,3)4/h2-4,6,9H,5,7H2,1H3;2*1H3,(H,2,3,4)
InChI Key	ZBJJDYGJCNTNTH-UHFFFAOYSA-N
SMILES string	CNCCC1=CC=CC=N1.CS(=O)(=O)O.CS(=O)(=O)O
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Betahistine mesylate can be used to improve microcirculation in the inner ear, a iming to reduce symptoms such as vertigo and tinnitus.

Library Information

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
Phone: 1-631-506-1393
info@obesityscientific.com

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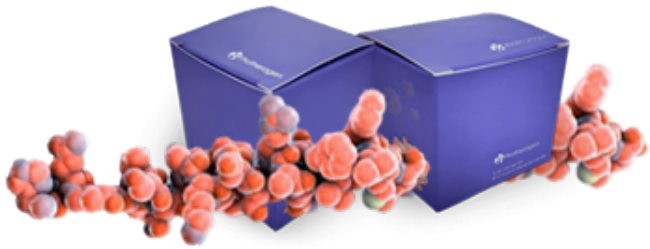

Targets	Histamine receptor
Receptors	H1 receptor; H3 receptor
Pathways	GPCR/G protein; Neuronal signaling; Immunology/Inflammation
Plate Number	AOCL-2
Plate Location	h3
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10 mM DMSO
DMSO Max Solubility	59 mg/mL; 179.7 mM

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