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Galanthamine HBr

Catalogue No.: abx076659

Galanthamine HBr is a small molecule. Galantamine hydrobromide is a long-acting, active acetylcholinesterase inhibitor (IC₅₀ = 410 nM) and allosteric potentiator at neuronal nicotinic ACh receptors. It prevents β-amyloid-induced apoptosis in SH-SY5Y. Long-term administration in a mouse model of Alzheimer's disease reduces amyloid precursor protein deposition and neurodegeneration in these mice.

Target:	Galanthamine HBr
Origin:	Synthetic
Purity:	>97% (HPLC); NMR (Conforms)
Form:	White powder
CAS Number:	04/04/1953
Storage:	Store at -20 °C.
Molecular Weight:	368.3
Molecular Formula:	C ₁₇ H ₂₂ BrNO ₃
SMILES:	[Br-].COc1ccc2CN(C)CC[C@@]34C=C[C@H](O)C[C@@H]3Oc1c24.[H+]
Note:	This product is for research use only.