

Product Datasheet

Lobeline hydrochloride (orb1226491)

Catalog Number	orb1226491
Category	Small Molecules
Description	Lobeline hydrochloride, a nicotinic receptor agonist, acting as a potent antagonist at both $\alpha3\beta2$ and $\alpha4\beta2$ neuronal nicotinic receptor subtypes.
Target	AChR
Purity	>98% (HPLC)
MW	273.92
Target Areas	nAChR Nicotinic Receptor
Solubility (25°C)	Water: 1g/40mL
CAS Number	134-63-4
Formula	$C_{22}H_{27}NO_2 \cdot HCl$
SMILES	<chem>CN1[C@@H](CC(C2=CC=CC=C2)=O)CCC[C@H]1C[C@H](O)C3=CC=CC=C3.[H]Cl</chem>
Chemical Name	2-[(2R,6S)-6-[(2S)-2-Hydroxy-2-phenylethyl]-1-methylpiperidin-2-yl]-1-phenylethanone hydrochloride
Storage	Storage temperature: -20°C. Stability: \geq 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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