

## Product Datasheet

### Corynoline (orb1300157)

<b>Catalog Number</b>	orb1300157
<b>Category</b>	Small Molecules
<b>Description</b>	(+)-Corynoline is a natural alkaloid that acts as an acetylcholinesterase (AChE) inhibitor. It is utilized in neuroscience research to study cholinergic signaling and has been investigated in cellular and animal models for its potential neuropharmacological effects.
<b>Target</b>	Cholinesterase (ChE),Nrf2
<b>Purity</b>	99.29% (May vary between batches)
<b>MW</b>	367.40
<b>Target Areas</b>	Nrf2 Cholinesterase (ChE)
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween-80+45% Saline:1.00 mg/mL (2.72 mM);DMSO:13.00 mg/mL (35.38 mM);Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.:Soluble
<b>CAS Number</b>	18797-79-0
<b>Formula</b>	C <sub>21</sub> H <sub>21</sub> NO <sub>5</sub>
<b>SMILES</b>	CN1Cc2c3OCOc3ccc2[C@@]2(C)[C@@H](O)Cc3cc4OCOc4cc3[C@@H]12
<b>Storage</b>	store at low temperature,keep away from direct sunlight   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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