

## Product Datasheet

### Xanomeline oxalate (orb1708212)

<b>Catalog Number</b>	orb1708212
<b>Category</b>	Small Molecules
<b>Description</b>	Xanomeline oxalate (LY246708 oxalate) is a potent and selective muscarinic receptor agonist (SMRA) known to activate phosphoinositide hydrolysis in vivo. This compound is a valuable research tool for investigating cholinergic mechanisms and potential therapeutics in Alzheimer's disease and related neurological disorders.
<b>Target</b>	AChR
<b>Purity</b>	98.22% (May vary between batches)
<b>MW</b>	371.45
<b>Target Areas</b>	AChR
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.38 mM);DMSO:45 mg/mL (121.15 mM)
<b>CAS Number</b>	141064-23-5
<b>Formula</b>	C <sub>16</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub> S
<b>SMILES</b>	OC(=O)C(O)=O.CCCCCOc1nsnc1C1=CCCN(C)C1
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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