

Product Datasheet

Xanomeline oxalate (orb1708212)

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| Catalog Number | orb1708212 |
| Category | Small Molecules |
| Description | 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. |
| Target | AChR |
| Purity | 99.10% (May vary between batches) |
| MW | 371.45 |
| Target Areas | AChR |
| Solubility (25°C) | 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.38 mM);DMSO:45 mg/mL (121.15 mM) |
| CAS Number | 141064-23-5 |
| Formula | $C_{16}H_{25}N_3O_5S$ |
| SMILES | <chem>OC(=O)C(O)=O.CCCCCOc1nsnc1C1=CCCN(C)C1</chem> |
| Storage | Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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