

Product Datasheet

Xanomeline tartrate (orb1691631)

Catalog Number	orb1691631
Category	Small Molecules
Description	Xanomeline tartrate (LY 246708 tartrate) is a selective M1/M4 muscarinic acetylcholine receptor agonist. It exhibits antipsychotic and pro-cognitive effects in preclinical models, supporting its research application in neuropsychiatric disorders such as schizophrenia and Alzheimer's disease.
Target	AChR,Others
Purity	99.99% (May vary between batches)
MW	431.5
Target Areas	AChR Others
Solubility (25°C)	DMSO:247.5 mg/mL (573.58 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (11.59 mM)
CAS Number	152854-19-8
Formula	C ₁₈ H ₂₉ N ₃ O ₇ S
SMILES	<chem>O[C@@H]([C@H](O)C(O)=O)C(O)=O.CCCCCOc1nsnc1C1=CCCN(C)C1</chem>
Storage	keep away from direct sunlight,keep away from moisture,store under nitrogen 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.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)