

Product Datasheet

Xanomeline (orb1693565)

Catalog Number	orb1693565
Category	Small Molecules
Description	Xanomeline (LY-246708) is an orally bioavailable, brain-penetrant M1/M4 muscarinic receptor agonist used in research for neurological disorders like schizophrenia. It has been investigated in both in vitro binding assays and in vivo preclinical models, demonstrating potential pro-cognitive and antipsychotic-like effects.
Target	AChR
Purity	99.61% (May vary between batches)
MW	281.42
Target Areas	AChR
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.55 mM);DMSO:4.5 mg/mL (15.99 mM)
CAS Number	131986-45-3
Formula	C ₁₄ H ₂₃ N ₃ OS
SMILES	CCCCCOC1=CCN(C)C1
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.

Biorbyt Ltd.

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

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