

Product Datasheet

Olodaterol (orb2276859)

Catalog Number	orb2276859
Category	Small Molecules
Description	Olodaterol is a long-acting beta2-adrenergic agonist (LABA) designed for selective activation of pulmonary beta2-adrenergic receptors. It is widely used in respiratory research, including in vitro receptor studies and in vivo models of bronchoconstriction, such as chronic obstructive pulmonary disease (COPD).
Target	Adrenergic Receptor
Purity	98.90% (May vary between batches)
MW	386.45
Target Areas	Adrenergic Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween-80+45% Saline:1 mg/mL (2.59 mM);DMSO:10 mM
CAS Number	868049-49-4
Formula	C ₂₁ H ₂₆ N ₂ O ₅
SMILES	COc1ccc(CC(C)(C)NC[C@H](O)c2cc(O)cc3NC(=O)COc23)cc1
Storage	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.
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)