

Product Datasheet

Vilanterol trifenate (orb3027297)

Catalog Number	orb3027297
Category	Small Molecules
Description	Vilanterol trifenate is a long-acting agonist of β 2-adrenoceptor (β 2-AR) with inherent 24-hour activity(β 2-AR, β 1-AR and β 3-AR pEC50s of 10.37, 6.98 and 7.36, respectively)
Target	Adrenergic Receptor
Purity	99.51%
MW	774.77
Target Areas	Adrenergic Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (2.58 mM);DMSO:100 mg/mL (129.07 mM)
CAS Number	503070-58-4
Formula	C ₄₄ H ₄₉ Cl ₂ NO ₇
SMILES	<chem>OCc1cc(ccc1OC(=O)C(c1cccc1)(c1cccc1)c1cccc1)[C@@H](O)CNCCCCCOCC</chem> <chem>OCc1c(Cl)cccc1Cl</chem>
Storage	store at low temperature 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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