

## Product Datasheet

### Salmeterol Xinafoate (orb1300582)

<b>Catalog Number</b>	orb1300582
<b>Category</b>	Small Molecules
<b>Description</b>	Salmeterol Xinafoate is a potent, long-acting $\beta$ 2-adrenergic agonist used to manage asthma and COPD. It is widely employed in respiratory research to study bronchodilation and anti-inflammatory mechanisms in both in vitro receptor assays and in vivo animal models of airway disease.
<b>Target</b>	HIV Protease, Adrenergic Receptor
<b>Purity</b>	99.00% (May vary between batches)
<b>MW</b>	603.75
<b>Target Areas</b>	HIV Protease Adrenergic Receptor
<b>Solubility (25°C)</b>	Ethanol:12.1 mg/mL (20.04 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.31 mM);DMSO:60.4 mg/mL (100.04 mM)
<b>CAS Number</b>	94749-08-3
<b>Formula</b>	C <sub>36</sub> H <sub>45</sub> NO <sub>7</sub>
<b>SMILES</b>	OCc1cc(ccc1O)C(O)CNCCCCCOCCCCc2ccccc2.O=C(O)c2ccc1ccccc1c2O
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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