

Product Datasheet

Indacaterol maleate (orb1309276)

Catalog Number	orb1309276
Category	Small Molecules
Description	Indacaterol maleate (QAB149) is an ultra-long-acting beta-adrenergic receptor agonist used in respiratory research. It is applied in studies of chronic obstructive pulmonary disease (COPD) for investigating bronchodilation mechanisms in both in vitro and in vivo experimental models.
Target	Adrenergic Receptor
Purity	99.67% (May vary between batches)
MW	508.56
Target Areas	Adrenergic Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.93 mM);DMSO:94 mg/mL (184.84 mM);Ethanol: 1 mg/mL (insoluble or slightly soluble)
CAS Number	753498-25-8
Formula	$C_{28}H_{32}N_2O_7$
SMILES	<chem>OC(=O)\C=C/C(O)=O.CCc1cc2CC(Cc2cc1CC)NC[C@H](O)c1ccc(O)c2[nH]c(=O)cc12</chem>
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.

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