

Product Datasheet

β3-AR agonist 1 (orb1710268)

Catalog Number	orb1710268
Category	Small Molecules
Description	β3-AR agonist 1 is a potent and orally bioavailable β3-adrenergic receptor agonist with high selectivity (EC50 = 18 nM). It shows >556-fold selectivity over β1-, β2-, and α1A-adrenergic receptors. This tool compound is used in metabolic, urological, and cardiovascular research, supporting both in vitro and in vivo experimental models.
Target	Others, Adrenergic Receptor
MW	444.55
CAS Number	1283125-73-4
Formula	C ₂₂ H ₂₈ N ₄ O ₄ S
SMILES	<chem>CC=1C=2C(=CC(OCCNC[C@H](O)C3=CC(NS(=O)(=O)C4CCC4)=CC=C3)=CC2)N1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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