

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	Adrenergic Receptor,Others
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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