

Product Datasheet

TGR5 Receptor Agonist (orb1307370)

Catalog Number	orb1307370
Category	Small Molecules
Description	This small molecule is a potent and selective agonist of the TGR5 (GPCR19) receptor. It serves as a key research tool for investigating TGR5's role in metabolic regulation, including glucose homeostasis and energy expenditure, in both in vitro assays and in vivo disease models.
Target	Calcium Channel, GPCR19
Purity	99.77%
MW	361.22
Target Areas	Calcium Channel GPCR19
Solubility (25°C)	DMSO:50 mg/mL (138.42 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:10 mg/mL (27.68 mM);Ethanol:100 mM
CAS Number	1197300-24-5
Formula	C ₁₈ H ₁₄ Cl ₂ N ₂ O ₂
SMILES	CN(C(=O)c1c(C)onc1-c1cccc1Cl)c1ccc(Cl)cc1
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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