

Product Datasheet

Muraglitazar (orb1705016)

Catalog Number	orb1705016
Category	Small Molecules
Description	Muraglitazar (BMS-298585) is a potent dual agonist of PPAR α and PPAR γ , with EC ₅₀ values of 320 nM and 110 nM, respectively. It has been investigated in preclinical research for the treatment of type 2 diabetes and dyslipidemia, demonstrating efficacy in both in vitro assays and in vivo animal models.
Target	PPAR
Purity	99.31% (May vary between batches)
MW	516.54
Target Areas	PPAR
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween-80+45% Saline:3.3 mg/mL (6.39 mM);DMSO:128.8 mg/mL (249.35 mM)
CAS Number	331741-94-7
Formula	C ₂₉ H ₂₈ N ₂ O ₇
SMILES	<chem>C(COC1=CC=C(CN(C(OC2=CC=C(OC)C=C2)=O)CC(O)=O)C=C1)C=3N=C(OC3C)C4=CC=CC=C4</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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