

## Product Datasheet

### SB756050 (orb1302926)

<b>Catalog Number</b>	orb1302926
<b>Category</b>	Small Molecules
<b>Description</b>	SB756050 is a potent and selective agonist of the TGR5 (GPBAR1) receptor. This small molecule is a valuable research tool for investigating TGR5's role in metabolic regulation, inflammation, and energy homeostasis in both in vitro and in vivo experimental models.
<b>Target</b>	GPCR19
<b>Purity</b>	98.35% (May vary between batches)
<b>MW</b>	500.59
<b>Target Areas</b>	GPCR19
<b>Solubility (25°C)</b>	DMSO:55 mg/mL (109.87 mM)
<b>CAS Number</b>	447410-57-3
<b>Formula</b>	$C_{21}H_{28}N_2O_8S_2$
<b>SMILES</b>	<chem>COc1ccc(cc1OC)S(=O)(=O)N1CCCN(CC1)S(=O)(=O)c1ccc(OC)c(OC)c1</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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