

## Product Datasheet

### SMS2-IN-2 (orb1299959)

<b>Catalog Number</b>	orb1299959
<b>Category</b>	Small Molecules
<b>Description</b>	SMS2-IN-2 is a potent, selective, and orally bioavailable inhibitor of sphingomyelin synthase 2 (SMS2), demonstrating anti-inflammatory activity. It is a valuable research tool for investigating the role of SMS2 in metabolic and inflammatory diseases, with utility in both cellular and animal model studies.
<b>Target</b>	Others,Phospholipase
<b>Purity</b>	98.00% (May vary between batches)
<b>MW</b>	369.78
<b>Target Areas</b>	Phospholipase Others
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (13.52 mM);DMSO:250 mg/mL (676.08 mM)
<b>CAS Number</b>	2241838-28-6
<b>Formula</b>	$C_{19}H_{13}ClFN_3O_2$
<b>SMILES</b>	<chem>Fc1ccc(Cl)c(COc2cccc3onc(Nc4cccnc4)c23)c1</chem>
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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