

## Product Datasheet

### SMS2-IN-2 (orb1220513)

<b>Catalog Number</b>	orb1220513
<b>Category</b>	Small Molecules
<b>Description</b>	SMS2-IN-2 is a potent selective and orally active sphingomyelin synthase 2 (SMS2) inhibitor (IC50s of 100 and 56 $\mu$ M for SMS2 and SMS1 respectively). SMS2-IN-2 has anti-chronic inflammatory activity.
<b>Target</b>	SMS2
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	369.78
<b>Target Areas</b>	SMS2
<b>Solubility (25°C)</b>	DMSO:250 mg/mL (676.08 mM)
<b>CAS Number</b>	2241838-28-6
<b>Formula</b>	C <sub>19</sub> H <sub>13</sub> ClFN <sub>3</sub> O <sub>2</sub>
<b>SMILES</b>	Fc1ccc(Cl)c(COc2cccc3onc(Nc4ccnc4)c23)c1
<b>Storage</b>	Storage temperature: -20°C. Stability: $\geq$ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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