

## Product Datasheet

### DSO-5a (orb1944300)

<b>Catalog Number</b>	orb1944300
<b>Category</b>	Small Molecules
<b>Description</b>	DSO-5a is a potent, selective, and orally active BB3 agonist derived from DMAKO-00. It enhances PPAR- $\gamma$ activity via BB3 receptor signaling and stimulates ERK1/2 phosphorylation, making it a valuable tool for diabetes research in both in vitro and in vivo models.
<b>Target</b>	PPAR,Bombesin Receptor,ERK
<b>MW</b>	440.45
<b>CAS Number</b>	2195411-63-1
<b>Formula</b>	$C_{23}H_{24}N_2O_7$
<b>SMILES</b>	<chem>COC1=C(C(C(C)(C=C)C)OC(C2=CC=CO2)=O)C=C(OC)C3=C1/C(C=C/C3=N/O)=N/O</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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