

## Product Datasheet

### Persicogenin (orb1297248)

<b>Catalog Number</b>	orb1297248
<b>Category</b>	Small Molecules
<b>Description</b>	Persicogenin is a bioactive small molecule with reported anticancer, antimutagenic, and antileishmanial properties. In vitro studies demonstrate its ability to inhibit mouse tsFT210 cancer cell proliferation by inducing a dose-dependent G2/M phase cell cycle arrest, supporting its use in oncology and parasitology research.
<b>Target</b>	Anti-infection
<b>Purity</b>	98.49% (May vary between batches)
<b>MW</b>	316.31
<b>Target Areas</b>	Anti-infection
<b>Solubility (25°C)</b>	DMSO:60 mg/mL (189.69 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.16 mM)
<b>CAS Number</b>	28590-40-1
<b>Formula</b>	$C_{17}H_{16}O_6$
<b>SMILES</b>	<chem>COc1cc(O)c2C(=O)C[C@H](Oc2c1)c1ccc(OC)c(O)c1</chem>
<b>Storage</b>	store at low temperature   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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