

## Product Datasheet

### Kaempferol 5,7,4'-trimethyl ether (orb1682272)

<b>Catalog Number</b>	orb1682272
<b>Category</b>	Small Molecules
<b>Description</b>	This small molecule, kaempferol 5,7,4'-trimethyl ether, acts as an NF-κB inhibitor by targeting the p65 subunit. It demonstrates anti-proliferative activity in colon cancer cell lines like HT-29 and suppresses inflammatory NO production in macrophages, supporting its utility in oncology and inflammation research.
<b>Target</b>	NF-κB,NO Synthase
<b>MW</b>	328.32
<b>Target Areas</b>	NO Synthase NF-κB
<b>Solubility (25°C)</b>	10% DMSO+90% Corn Oil:3.3 mg/mL (10.05 mM);DMSO:80 mg/mL (243.66 mM)
<b>CAS Number</b>	1098-92-6
<b>Formula</b>	C <sub>18</sub> H <sub>16</sub> O <sub>6</sub>
<b>SMILES</b>	<chem>O=C1C(O)=C(OC2=CC(OC)=CC(OC)=C12)C=3C=CC(OC)=CC3</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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