

## Product Datasheet

### Tulipalin A (orb1301892)

<b>Catalog Number</b>	orb1301892
<b>Category</b>	Small Molecules
<b>Description</b>	Tulipalin A ( $\alpha$ -methylene- $\gamma$ -butyrolactone) is a phytotoxic natural product isolated from <i>Tulipa gesneriana</i> . This small molecule serves as a research tool for studying plant defense mechanisms and allelopathy, with applications in both in vitro bioassays and phytochemical ecology research.
<b>Target</b>	Drug Metabolite
<b>Purity</b>	98.00% (May vary between batches)
<b>MW</b>	98.1
<b>Target Areas</b>	Drug Metabolite
<b>Solubility (25°C)</b>	DMSO:45 mg/mL (458.72 mM)
<b>CAS Number</b>	547-65-9
<b>Formula</b>	$C_5H_6O_2$
<b>SMILES</b>	<chem>C=C1CCOC1=O</chem>
<b>Storage</b>	Pure form: -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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