

## Product Datasheet

### Sciadopitysin (orb1301256)

<b>Catalog Number</b>	orb1301256
<b>Category</b>	Small Molecules
<b>Description</b>	Sciadopitysin is a research compound studied for its potential to protect against diabetic bone disease by enhancing mitochondrial biogenesis. It has demonstrated protective effects in osteoblast cell models and shown activity against amyloid-beta toxicity in neuronal cultures, indicating relevance for bone and neurodegenerative research.
<b>Target</b>	NF-κB,TNF
<b>Purity</b>	98.00% (May vary between batches)
<b>MW</b>	580.54
<b>Target Areas</b>	NF-κB TNF
<b>Solubility (25°C)</b>	DMSO:135 mg/mL (232.54 mM)
<b>CAS Number</b>	521-34-6
<b>Formula</b>	C <sub>33</sub> H <sub>24</sub> O <sub>10</sub>
<b>SMILES</b>	<chem>COc1ccc(cc1)-c1cc(=O)c2c(O)cc(O)c(-c3cc(ccc3OC)-c3cc(=O)c4c(O)cc(OC)cc4o3)c2o1</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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