

## Product Datasheet

### Hypaconitine (orb1300247)

<b>Catalog Number</b>	orb1300247
<b>Category</b>	Small Molecules
<b>Description</b>	Hypaconitine is a highly toxic diterpenoid alkaloid isolated from Aconitum plants. It exhibits notable anti-inflammatory properties, making it a compound of interest for researching rheumatism treatments. Its mechanisms are studied in both in vitro assays and in vivo models of inflammation.
<b>Target</b>	Cytochromes P450,Potassium Channel,TNF,Calcium Channel,NF-κB
<b>Purity</b>	99.63% (May vary between batches)
<b>MW</b>	615.71
<b>Target Areas</b>	Calcium Channel Cytochromes P450 NF-κB TNF Potassium Channel
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.25 mM);DMSO:50 mg/mL (81.21 mM)
<b>CAS Number</b>	6900-87-4
<b>Formula</b>	C <sub>33</sub> H <sub>45</sub> NO <sub>10</sub>
<b>SMILES</b>	COCC12CCC(OC)C34C5CC6(O)C(OC(=O)c7cccc7)C5C(OC(C)=O)(C(C(OC)C13)C4N(C)C2)C(O)C6OC
<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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