

## Product Datasheet

### Taccalonolide A (orb1219391)

<b>Catalog Number</b>	orb1219391
<b>Category</b>	Small Molecules
<b>Description</b>	Taccalonolide A is the first microtubule stabilizing agent to be discovered from a plant since identification of the mechanism of action of paclitaxel and it is the first natural product steroid identified to have these cellular effects, with cytotoxic and antimalarial activities. Taccalonolide A causes G2-M accumulation, Bcl-2 phosphorylation and initiation of apoptosis.
<b>Target</b>	microtubule
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	702.7
<b>CAS Number</b>	108885-68-3
<b>Formula</b>	$C_{36}H_{46}O_{14}$
<b>Storage</b>	Storage temperature: -20°C. Stability: ≥ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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