

Product Datasheet

4,27-Dimethyl withaferin A (orb1941439)

Catalog Number	orb1941439
Category	Small Molecules
Description	4,27-Dimethyl withaferin A is a synthetic withanolide analog investigated for its neuroprotective properties. Research indicates its potential in models of neurodegenerative diseases, such as Alzheimer's, where it has been studied in vitro for modulating autophagy and reducing tau pathology.
MW	498.65
CAS Number	1777780-95-6
Formula	C ₃₀ H ₄₂ O ₆
SMILES	<chem>C[C@]12[C@]3([C@](O3)(C[C@@]4([C@@]1(CC[C@@]5(C)[C@]4(CC[C@@]5([C@H](C)[C@]6(CC(C)=C(COC)C(=O)O6)[H])[H])[H])[H])[H])[C@@H](OC)C=CC2=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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