
Product Name	: Ganoderenic acid A
Synonyms	: —
Cat No.	: M22812
CAS Number	: 100665-40-5
Molecular Formula	: C ₃₀ H ₄₂ O ₇
Formula Weight	: 514.7
Chemical Name	: —
Description	: Ganoderenic acid A has a potent hepatoprotective, and cytotoxic effects, it shows inhibitory activity on human aldose reductase in vitro. From the acidic fraction, potent human aldose reductase inhibitors, ganoderic acid C2 (1) and Ganoderenic acid A (2), were isolated together with three related compounds.
Pathway	: Others
Target	: Other Targets
Receptor	: β-glucuronidase
Solubility	: —
SMILES	: <chem>CC12C3=C(C(C(C1(C(C(C)=C\C(C(C(C)C(O)=O)=O)CC2O)C)=O)C4(C(C(C)(C(C4)=O)C)CC3O)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Inhibition of aldose reductase in vitro by constituents of *Ganoderma lucidum*. *Planta Med.* 2010 Oct;76(15):1691-3.