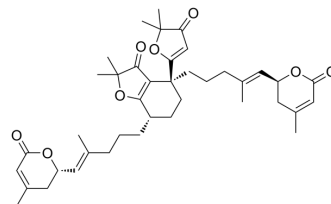


## Aphadilactone C

Cat. No.:	HY-N7281
CAS No.:	1522004-70-1
Molecular Formula:	C <sub>40</sub> H <sub>52</sub> O <sub>8</sub>
Molecular Weight:	660.84
Target:	Acyltransferase; Parasite
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Aphadilactone C is a potent and selective DGAT-1 inhibitor with an IC<sub>50</sub> of 0.46 μM. Aphadilactone C shows significant antimalarial activities with an IC<sub>50</sub> value of 170 nM<sup>[1]</sup>.

### REFERENCES

[1]. Jia Liu, et al. Aphadilactones A-D, four diterpenoid dimers with DGAT inhibitory and antimalarial activities from a Meliaceae plant. *J Org Chem*. 2014 Jan 17;79(2):599-607.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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