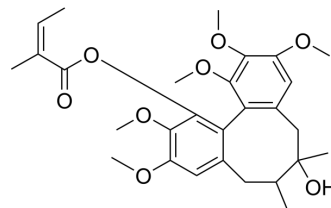


## Angeloylgomisin H

<b>Cat. No.:</b>	HY-N2209
<b>CAS No.:</b>	66056-22-2
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>36</sub> O <sub>8</sub>
<b>Molecular Weight:</b>	500.58
<b>Target:</b>	PPAR
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 250 mg/mL (499.42 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.9977 mL	9.9884 mL	19.9768 mL
		5 mM	0.3995 mL	1.9977 mL	3.9954 mL
10 mM		0.1998 mL	0.9988 mL	1.9977 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.16 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.16 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Angeloylgomisin H, as a major lignin extract of Schisandra rubriflora, has the potential to improve insulin-stimulated glucose uptake by activating PPAR-γ <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	PPAR-γ

### REFERENCES

[1]. Chen S, et al. Pharmacokinetic and bioavailability study of angeloylgomisin H in rat plasma by UPLC-MS/MS. Int J Clin Exp Med. 2015 Oct 15;8(10):17968-76.

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

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