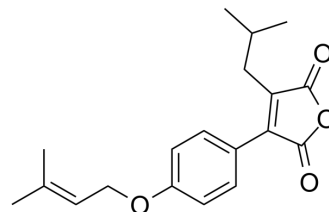


## Antrodin A

Cat. No.:	HY-N7541
CAS No.:	656830-24-9
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> O <sub>4</sub>
Molecular Weight:	314.38
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (318.09 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.1809 mL	15.9043 mL	31.8086 mL
	5 mM	0.6362 mL	3.1809 mL	6.3617 mL
	10 mM	0.3181 mL	1.5904 mL	3.1809 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Antrodin A is one of the main active ingredients in the solid-state fermented *A. camphorata* mycelium. Antrodin A protects the liver from alcohol damage by improving the antioxidant and anti-inflammatory capacity of the liver and maintaining the stability of the intestinal flora<sup>[1]</sup>.

### REFERENCES

[1]. Yi ZW, et al. Antrodin A from mycelium of *Antrodia camphorata* alleviates acute alcoholic liver injury and modulates intestinal flora dysbiosis in mice. *J Ethnopharmacol.* 2020;254:112681.

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

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