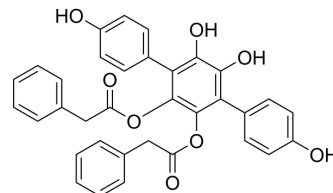


## Vialinin A

<b>Cat. No.:</b>	HY-103435
<b>CAS No.:</b>	858134-23-3
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>26</sub> O <sub>8</sub>
<b>Molecular Weight:</b>	562.57
<b>Target:</b>	Deubiquitinase
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 20 mg/mL (35.55 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7776 mL	8.8878 mL	17.7756 mL
	5 mM	0.3555 mL	1.7776 mL	3.5551 mL
	10 mM	0.1778 mL	0.8888 mL	1.7776 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Vialinin A (Terrestrin A) is a p-terphenyl compound with antioxidant properties<sup>[1]</sup>. Vialinin A is a potent inhibitor of TNF- $\alpha$ , USP4, USP5, and sentrin/SUMO-specific protease 1 (SEN1). Vialinin A (Terrestrin A) can be used for autoimmune diseases and cancer research<sup>[2][3]</sup>.

### CUSTOMER VALIDATION

- Pediatr Res. 2022 Nov 3.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Ji-Kai Liu, et al. Natural terphenyls: developments since 1877. Chem Rev. 2006 Jun;106(6):2209-23.

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[2]. Jie Xu, et al. Ubiquitously specific protease 4 inhibitor-Vialinin A attenuates inflammation and fibrosis in S100-induced hepatitis mice through Rheb/mTOR signalling. *J Cell Mol Med.* 2021 Jan;25(2):1140-1150.

[3]. Himangshu Sonowal, et al. Vialinin A, an Edible Mushroom-Derived p-Terphenyl Antioxidant, Prevents VEGF-Induced Neovascularization In Vitro and In Vivo. *Oxid Med Cell Longev.* 2018 Feb 6;2018:1052102.

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

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