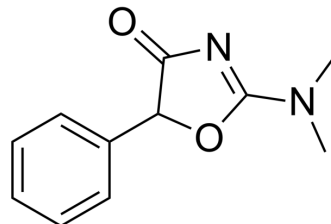


## Thozalinone

<b>Cat. No.:</b>	HY-105856		
<b>CAS No.:</b>	655-05-0		
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	204.23		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (122.41 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
<b>1 mM</b>	4.8964 mL	24.4822 mL	48.9644 mL
<b>5 mM</b>	0.9793 mL	4.8964 mL	9.7929 mL
<b>10 mM</b>	0.4896 mL	2.4482 mL	4.8964 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Thozalinone also known as 5phenyl-2-dimethylamino-2-oxazolin-4-one, is an antidepressant with activity against Tetrabenazine. Thozalinone has unique properties distinguishing them from the sympathomimetic amines<sup>[1]</sup>.

### REFERENCES

[1]. Greenblatt EN, et al. Some pharmacologic properties of thozalinone, a new excitant. Toxicol Appl Pharmacol. 1965 Jul;7(4):566-78.

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

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