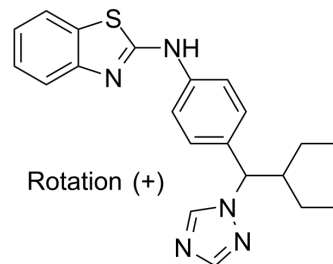


## (+)-Talarozole

<b>Cat. No.:</b>	HY-14802C		
<b>CAS No.:</b>	201410-66-4		
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>23</sub> N <sub>5</sub> S		
<b>Molecular Weight:</b>	377.51		
<b>Target:</b>	RAR/RXR; Autophagy		
<b>Pathway:</b>	Metabolic Enzyme/Protease; Autophagy		
<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 : ≥ 72 mg/mL (190.72 mM)

\* "≥" means soluble, but saturation unknown.

Concentration	Solvent	1 mg	5 mg	10 mg
	Mass			
Preparing Stock Solutions	1 mM	2.6489 mL	13.2447 mL	26.4894 mL
	5 mM	0.5298 mL	2.6489 mL	5.2979 mL
	10 mM	0.2649 mL	1.3245 mL	2.6489 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(+)-Talarozole is a potent inhibitor of retinoic acid metabolism extracted from patent WO 1997049704 A1.

#### IC<sub>50</sub> & Target

retinoic acid<sup>[1]</sup>

### REFERENCES

[1]. Marc Gaston Venet, et al. N-[4-(heteroaryl(methyl)phenyl]-heteroarylamines. WO 1997049704 A1.

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

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