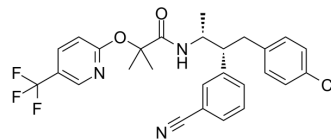


## Taranabant ((1R,2R)stereoisomer)

<b>Cat. No.:</b>	HY-10013B
<b>CAS No.:</b>	701977-08-4
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>25</sub> ClF <sub>3</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	515.95
<b>Target:</b>	Cannabinoid Receptor
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<b>Storage:</b>	Powder    -20°C    3 years 4°C        2 years In solvent   -80°C    2 years -20°C    1 year



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (193.82 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.9382 mL	9.6909 mL	19.3817 mL
		5 mM	0.3876 mL	1.9382 mL	3.8763 mL
10 mM		0.1938 mL	0.9691 mL	1.9382 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: ≥ 2.75 mg/mL (5.33 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.75 mg/mL (5.33 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Taranabant (1R,2R)stereoisomer is the R-enantiomer of Taranabant. Taranabant is a highly potent and selective cannabinoid 1 (CB1) receptor inverse agonist.
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### REFERENCES

[1]. William K. Hagmann, et al. Substituted amides active at the cannabinoid-1 receptor. WO 2004048317 A1.

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

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