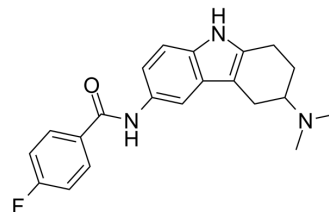


## LY 344864 racemate

<b>Cat. No.:</b>	HY-13788C		
<b>CAS No.:</b>	186543-64-6		
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>22</sub> FN <sub>3</sub> O		
<b>Molecular Weight:</b>	351.42		
<b>Target:</b>	5-HT 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 : 11 mg/mL (31.30 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	2.8456 mL	14.2280 mL	28.4560 mL
		5 mM	0.5691 mL	2.8456 mL	5.6912 mL
10 mM		0.2846 mL	1.4228 mL	2.8456 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	LY 344864 racemate is a 5-HT <sub>1F</sub> receptor agonist extracted from patent US 5708187 A.
<b>IC<sub>50</sub> &amp; Target</b>	5-HT <sub>1F</sub> Receptor

### REFERENCES

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

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