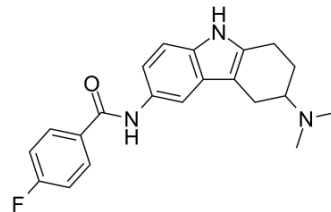


LY 344864 racemate

Cat. No.:	HY-13788C		
CAS No.:	186543-64-6		
Molecular Formula:	C ₂₁ H ₂₂ FN ₃ O		
Molecular Weight:	351.42		
Target:	5-HT Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 11 mg/mL (31.30 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	2.8456 mL	14.2280 mL
		5 mM	0.5691 mL	2.8456 mL
		10 mM	0.2846 mL	1.4228 mL
	Please refer to the solubility information to select the appropriate solvent.			
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.1 mg/mL (3.13 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	LY 344864 racemate is a 5-HT _{1F} receptor agonist extracted from patent US 5708187 A.
IC₅₀ & Target	5-HT _{1F} Receptor

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA