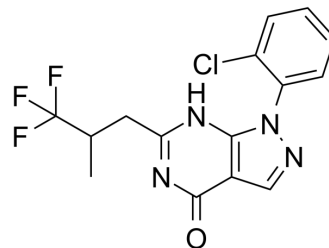


BAY 73-6691 racemate

Cat. No.:	HY-104028A		
CAS No.:	794568-90-4		
Molecular Formula:	C ₁₅ H ₁₂ ClF ₃ N ₄ O		
Molecular Weight:	356.73		
Target:	Phosphodiesterase (PDE)		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (280.32 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		2.8032 mL	14.0162 mL	28.0324 mL
	5 mM		0.5606 mL	2.8032 mL	5.6065 mL
	10 mM		0.2803 mL	1.4016 mL	2.8032 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: 5 mg/mL (14.02 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: 5 mg/mL (14.02 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: 5 mg/mL (14.02 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

BAY 73-6691 racemate is a phosphodiesterase 9 inhibitor extracted from patent WO 2017070293 A1.

IC₅₀ & Target

phosphodiesterase 9^[1]

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