(R)-Monlunabant

Cat. No.: HY-153800A

CAS No.: 2765579-76-6

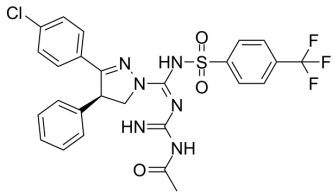
Molecular Formula: $C_{26}H_{22}ClF_3N_6O_3S$

Molecular Weight: 591

Target: Cannabinoid Receptor

Pathway: GPCR/G Protein; Neuronal Signaling

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (169.20 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	1.6920 mL	8.4602 mL	16.9205 mL
5 mM	0.3384 mL	1.6920 mL	3.3841 mL
10 mM	0.1692 mL	0.8460 mL	1.6920 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: 2.5 mg/mL (4.23 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: 2.5 mg/mL (4.23 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description (R)-Monlunabant ((R)-MRI-1891) is a CB1 receptor mediators for research of obesity and metabolic disease[1]

REFERENCES

[1]. George Kunos, et al. Cannabinoid receptor mediating compounds. Patent. US20180273485.

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