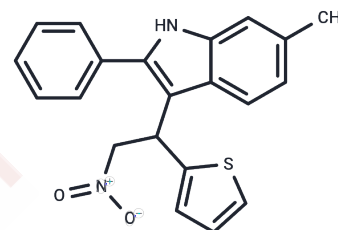


ZCZ011

Chemical Properties

CAS No. : 1998197-39-9
 Formula: C₂₁H₁₈N₂O₂S
 Molecular Weight: 362.44
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	ZCZ011 is a positive allosteric modulator of the cannabinoid CB1 receptor. ZCZ011 is brain penetrant, increased the potency of orthosteric agonists in mouse behavioral assays indicative of cannabimimetic activity, including antinociception, hypothermia, catalepsy, locomotor activity, and in the drug discrimination paradigm.
Targets(IC50)	Cannabinoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7591 mL	13.7954 mL	27.5908 mL
5 mM	0.5518 mL	2.7591 mL	5.5182 mL
10 mM	0.2759 mL	1.3795 mL	2.7591 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ignatowska-Jankowska BM, Baillie GL, Kinsey S, Crowe M, Ghosh S, Owens RA, Damaj IM, Poklis J, Wiley JL, Zanda M, Zanato C, Greig IR, Lichtman AH, Ross RA. A Cannabinoid CB1 Receptor-Positive Allosteric Modulator Reduces Neuropathic Pain in the Mouse with No Psychoactive Effects. *Neuropsychopharmacology*. 2015 Dec;40(13):2948-59. doi: 10.1038/npp.2015.148. PubMed PMID: 26052038; PubMed Central PMCID: PMC4864630.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481