Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Zotepine

Product overview

Name Zotepine
Cat No HB1778
Biological action Antagonist
Purity >99%

Description 5-HT_{2A} and dopamine D₂ receptor antagonist. Atypical antipsychotic.

Biological Data

Biological description 5-HT_{2A} and D₂ receptor antagonist (K_i values are 0.69 and 2.3 nM respectively). Also a potent

histamine H_1 receptor antagonist ($IC_{50} = 8.0$ nM). Atypical antipsychotic. Shows antidepressive and

anxiolytic effects. Active in vivo.

Solubility & Handling

Solubility overview Soluble in DMSO (50mM)
Storage instructions Room temperature

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name 2-[(8-Chlorodibenzo(Z)[b,f]thiepin- 10-yl)oxy]-N,N-dimethylethanamine Molecular Weight 331.86

Chemical structure

Molecular Formula C₁₈H₁₈CINOS CAS Number 26615-21-4 PubChem identifier 5736

SMILES CIC3=CC=C2SC1=CC=CCCCCC(C)C)C2=C3

InChiKey HDOZVRUNCMBHFH-UHFFFAOYSA-N