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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Clozapine

Dopamine receptor antagonist
Catalog No. SIH-541



Discovery through partnership | Excellence through quality

Overview

Product Name

Clozapine

Description

Dopamine receptor antagonist

Purity

>98% (TLC); NMR (Conforms)

CAS No.

5786-21-0

Molecular Formula

C11H12N2

Molecular Weight

326.8

Properties

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Product Type

Antagonist

Solubility

Soluble in DMSO (30 mg/ml)

Source

Synthetic

Appearance

Yellow powder

SMILES

CN1CCN(CC1)C2=C3C=CC=CC3=Nc4ccc(Cl)cc4N2

InChI

1S/C18H19ClN4/c1-22-8-10-23(11-9-22)18-14-4-2-3-5-15(14)20-16-7-6-13(19)12-17(16)21-18/h2-7,12,21H,8-11H2,1H3

InChIKey

ZUXABONWMNSFBN-UHFFFAOYSA-N

Safety Phrases

Classification:

D1B Toxic Material Causing Immediate and Serious Toxic Effects - Toxic by ingestion

D2A Very Toxic Material Causing Other Toxic Effects - Teratogen

D2B Toxic Material Causing Other Toxic Effects - Carcinogen, Moderate eye irritant, Mutagen

Hazard statement(s):

H301 Toxic if swallowed.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary statement(s):

P281 Use personal protective equipment as required.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

Cite This Product

Clozapine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-541-250MG)

Biological Description

Alternative Names

3-chloro-6-(4-methylpiperazin-1-yl)-5H-benzo[c][1,5]benzodiazepine, 8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]-diazepine, Clozapine, Leponex, Clozapin, CLOZARIL, Fazacllo

Research Areas

Neuroscience, Neurotransmitter Receptors

PubChem ID

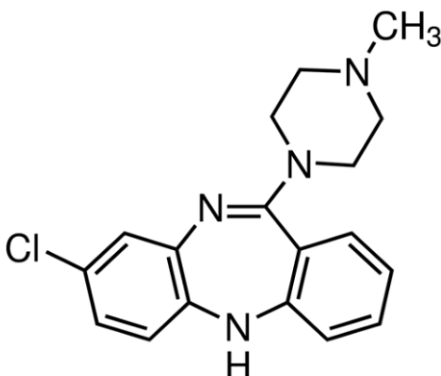
2818

Scientific Background

Clozapine is an atypical antipsychotic. It binds several types of receptors in the brain, and acts as a serotonin antagonist. Predicted to act through 5-HT 2A/2C and dopamine receptor blockade.

Product Images

Chemical structure of Clozapine (SIH-541), a Dopamine receptor antagonist. CAS #: 5786-21-0. Molecular Formula: C₁₈H₁₉ClN₄. Molecular Weight: 326.8 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.