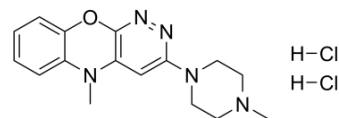


Azaphen

Cat. No.:	HY-A0022
CAS No.:	24853-80-3
Molecular Formula:	C ₁₆ H ₂₁ Cl ₂ N ₅ O
Molecular Weight:	370.28
Target:	Serotonin Transporter
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pipofezine (Azafen or Azaphen) is a potent inhibitor of the reuptake of serotonin. IC₅₀ Value: Target: SSRIs. Pipofezine is a tricyclic antidepressant (TCA) approved in Russia for the treatment of depression. In addition to its antidepressant action, pipofezine has sedative effects as well, indicating antihistamine activity.

REFERENCES

- [1]. Domestic antidepressants. 1. Azaphen By Andreeva, N. I.; Asnina, V. V.; Liberman, S. S. From Pharmaceutical Chemistry Journal (Translation of Khimiko-Farmatsevticheskii Zhurnal) (2000), 34(5), 237-241.
- [2]. Shinaev NN, Akzhigitov RG. Azaphen: a return to clinical practice. Zh Nevrol Psikhiatr Im S S Korsakova. 2005;105(10):55-6.
- [3]. Ignatowicz L, Ignatowicz R, Wdowiak MW, Jaremko A. Azaphen in the treatment of enuresis in children. Psychiatr Pol. 1977 Jan-Feb;11(1):29-33.
- [4]. Liberman SS, Sharova SA. A comparison of the effect of the tricyclic antidepressants azaphen and imizin on the gastrointestinal tracts of experimental animals. Farmakol Toksikol. 1975 Jan-Feb;38(1):29-32.
- [5]. Misurec J, Náhunek K, Kamenická V, Chmelar M. Proceedings: Influence of azaphen, a new antidepressive drug, on the human EEG. Act Nerv Super (Praha). 1974;16(4):245-6.

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