

Product Name : Pitolisant hydrochloride

Synonyms : Ciproxidine; BF 2649; BF2649; BF-2649

Cat No. : M16495

CAS Number : 903576-44-3

Molecular Formula : C₁₇H₂₇Cl₂NO

Formula Weight : 332.31

Chemical Name : Piperidine, 1-[3-[3-(4-chlorophenyl)propoxy]propyl]-, hydrochloride (1:1)

Description : A potent and selective antagonist of H₃ receptor with Ki/EC₅₀ of 0.16/1.5 nM; no effect on H₁, H₂, H₄ receptors (IC₅₀>10 μM); orally bioactive. Sleep Disorder Approved

Pathway : GPCR/G Protein

Target : Histamine Receptor

Receptor : Histamine Receptor

Solubility : DMSO: ≥ 43 mg/mL

SMILES : C1CCN(CC1)CCCOCCCC2=CC=C(C=C2)Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Ligneau X, et al. J Pharmacol Exp Ther. 2007 Jan;320(1):365-75. | 2. Dudek M, et al. Metab Brain Dis. 2016 Oct;31(5):1023-9. | 3. Ligneau X, et al. Biochem Pharmacol. 2007 Apr 15;73(8):1215-24.

