

PRODUCT: **BF2649 hydrochloride**

ALTERNATE NAME: 1-[3-[3-(4-chlorophenyl)propoxy]propyl]piperidine;hydrochloride; Pitolisant

CATALOG #: B2279-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₂₇Cl₂NO

MOLECULAR WEIGHT: 332.31

CAS NUMBER: 903576-44-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>30 mg/ml) or H₂O (>30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: BF2649 is a potent, cell-permeable and selective histamine H₃ receptor inverse agonist (EC₅₀ = 1.5 nM, K_i = 0.16 nM). BF2649 displays nootropic effects in cognitive disorders; reduces locomotor hyperactivity induced by methamphetamine.

REFERENCES: Cariou, B., *et al.* (2006). *J. Biol. Chem.* **281**, 11039-11049.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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RELATED PRODUCTS:

BAR-501 (**B1591**)
BAR-502 (**B1592**)
Chenodeoxycholic acid (**2831**)
Fexaramine (**B1156**)
Fexaramate (**9560**)
GW-3965 hydrochloride (**9402**)
Obeticholic acid (**B1898**)
T0901317 (**B1636**)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*