

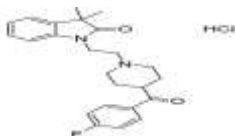
PRODUCT: LY-310762 hydrochloride

ALTERNATE NAME: 1-[2-[4-(4-Fluorobenzoyl)-1-piperidinyl]ethyl]-1,3-dihydro-3,3-dimethyl-2H-indol-2-one hydrochloride

CATALOG #: B2190-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₇FN₂O₂·HCl

MOLECULAR WEIGHT: 430.9

CAS NUMBER: 192927-92-7

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: LY-310762 is a potent antagonist of the serotonin (5-HT) receptor subtype 5-HT_{1D} (K_i = 249 nM for guinea pig receptors). It is selective for 5-HT_{1D} over the 5-HT_{1B} receptor, where it inhibits binding of radiolabeled citalopram by only 32% when used at a concentration of 1,000 nM.

REFERENCES: Pullar, I.A., *et al.* (2004). *Eur. J. Pharmacol.* **493**, 85-93.

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:

LY-310762 hydrochloride (**B2190**)

2-Methyl-5-hydroxytryptamine hydrochloride (**2768**)

Pimavanserin Tartrate (**B1915**)

Serotonin ELISA Kit (**E4294**)

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