

Product datasheet

LY 310762 hydrochloride ab120524

Overview

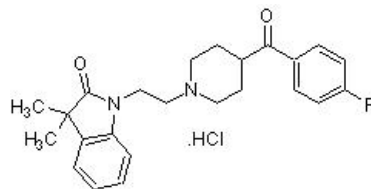
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|-------------------------------|--|
| <b>Product name</b>           | LY 310762 hydrochloride  |
| <b>Description</b>            | Potent, 5-HT <sub>1D</sub> antagonist  |
| <b>Biological description</b> | Potent, 5-HT <sub>1D</sub> receptor preferring antagonist (K <sub>i</sub> values are ~100 and 32 nM at 5-HT <sub>1D</sub> and 5-HT <sub>1B</sub> receptors, respectively). Potentiates extracellular 5-HT concentrations (EC <sub>50</sub> = 31 nM as measured by increase in [ <sup>3</sup> H]5-HT outflow from cortical slices). |
| <b>Purity</b>                 | > 99%  |

Properties

**Chemical name** 1-[2-[4-(4-Fluorobenzoyl)-1-piperidiny]ethyl]-1,3-dihydro-3,3-dimethyl-2H-indol-2-one hydrochloride

**Molecular weight** 430.95

**Chemical structure**



**Molecular formula** C<sub>24</sub>H<sub>27</sub>FN<sub>2</sub>O<sub>2</sub>·HCl

**CAS Number** 192927-92-7

**Storage instructions** Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview** Soluble in water to 10 mM and in DMSO to 50 mM

**Handling** Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

**Source** Synthetic

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