

Product datasheet

LY 344864 hydrochloride, 5-HT_{1F} agonist ab120592

[1 References](#) [1 Image](#)

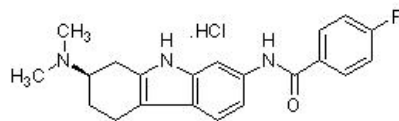
Overview

Product name	LY 344864 hydrochloride, 5-HT _{1F} agonist
Description	Selective, potent 5-HT _{1F} agonist
Biological description	Selective, potent, full 5-HT _{1F} agonist (EC ₅₀ = 3 nM). Selectivity is 80-fold greater than for other 5-HT receptor subtypes, K _i values are 0.53 (5-HT _{1A}), 0.549 (5-HT _{1B}), 0.575 (5-HT _{1D}), 1.415 (5-HT _{1E}), 3.935 (5-HT _{2A}), 1.695 (5-HT _{2B}), 3.499 (5-HT _{2C}) and 4.851 (5-HT ₇). Able to reduce central sensitization and dural inflammation <i>in vivo</i> .

Purity > 98%

CAS Number 186544-26-3

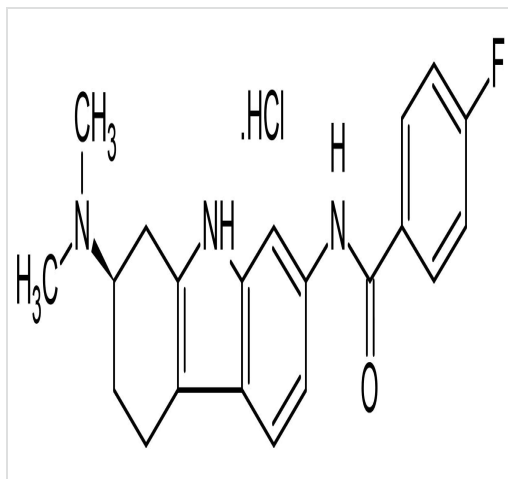
Chemical structure



Properties

Chemical name	N-[(3R)-3-(Dimethylamino)-2,3,4,9-tetrahydro-1H-carbazol-6-yl]-4-fluorobenzamide hydrochloride
Molecular weight	387.88
Molecular formula	C ₂₁ H ₂₂ FN ₃ O.HCl
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in water to 5 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



2D chemical structure image of ab120592, LY 344864 hydrochloride, 5-HT_{1F} agonist

Chemical Structure - LY 344864 hydrochloride, 5-HT_{1F} agonist (ab120592)

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