

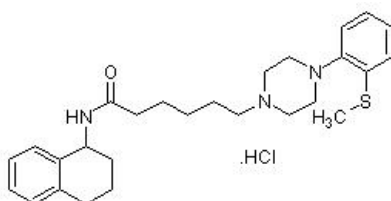
Product datasheet

LP-44, 5-HT₇ agonist ab120593

1 Image

Overview

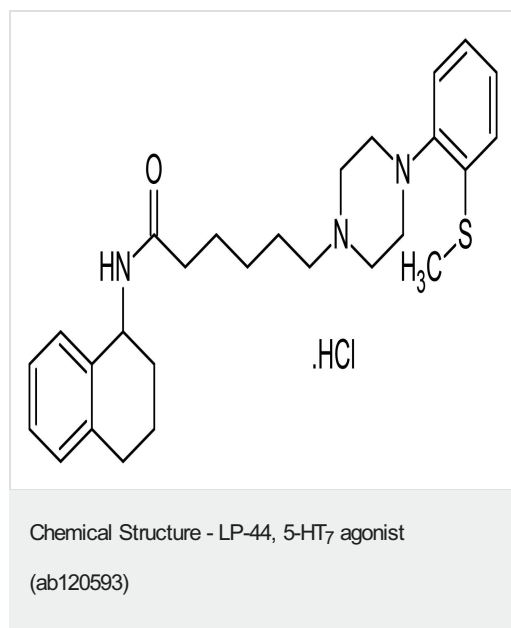
Product name	LP-44, 5-HT ₇ agonist
Description	Highly potent, selective 5-HT ₇ agonist
Biological description	Highly potent, selective 5-HT ₇ agonist ($K_i = 0.22$ nM). Shows >200 and >1000-fold selectivity over 5-HT _{1A} and 5-HT _{2A} receptors, respectively. Suppresses REM sleep.
Purity	> 99%
CAS Number	824958-12-5
Chemical structure	



Properties

Chemical name	4-[2-(Methylthio)phenyl]-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-1-piperazinehexanamide hydrochloride
Molecular weight	488.13
Molecular formula	C ₂₇ H ₃₇ N ₃ OS.HCl
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



2D chemical structure image of ab120593, LP-44, 5-HT₇ agonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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