

WAY-100635 maleate, 5-HT_{1A} receptor antagonist ab120550

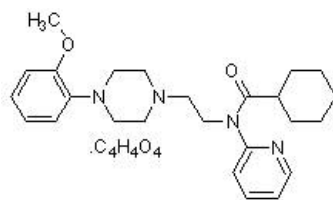
6 References [1 图像](#)

概述

产品名称	WAY-100635 maleate, 5-HT _{1A} receptor拮抗剂
描述	Potent, selective, silent 5-HT _{1A} receptor拮抗剂
生物学描述	Potent, selective, silent 5-HT _{1A} receptor antagonist (IC ₅₀ = 1.35 nM). Displays >100-fold selectivity for 5-HT _{1A} relative to a range of other CNS receptors including other 5-HT subtypes, adrenoceptors, dopamine, GABA, histamine and ion channels. Binds selectively to rodent brain 5-HT _{1A} receptors <i>in vivo</i> (iv admin). Unlike WAY100135, WAY100635 displays no partial agonist activity in the ventral hippocampus of rats.

CAS编号 634908-75-1

化学结构



性能

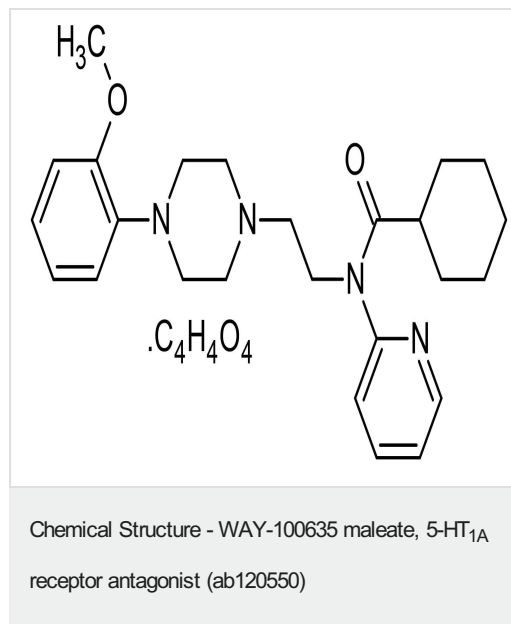
化学名称	<i>N</i> -[2-[4-(2-Methoxyphenyl)-1-piperazinyl]ethyl]- <i>N</i> -2-pyridinylcyclohexanecarboxamide maleate salt
分子量	538.64
分子式	C ₂₅ H ₃₄ N ₄ O ₂ ·C ₄ H ₄ O ₄
PubChem识别号	11957721
存放说明	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 50 mM
处理	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.

SMILES

COC1=CC=CC=C1N2CCN(CC2)CCN(C3=CC=CC=N3)C(=O)C4CCCCC4.C(=C\C(=O)O)\C(=O)O

来源

Synthetic

图片

2D chemical structure image of ab120550, WAY-100635 maleate, 5-HT_{1A} receptor antagonist

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

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