

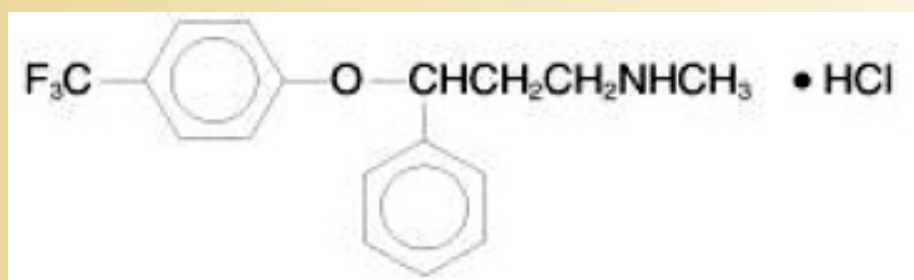
Fluoxetine Hcl (Cas No 54910-89-3)



Fluoxetine HCl

CAS number 54910-89-3

Structure Formula :



Systematic (IUPAC) name

N-methyl-3-phenyl-3-[4- (trifluoromethyl)phenoxy]propan-1-amine

Identifiers

CAS number 54910-89-3

ATC code N06AB03

PubChem 3386

DrugBank APRD00530

ChemSpider 56589

Chemical data

Formula C₁₇H₁₈F₃NO Mol. mass 309.3 g/mol (345.8 for •HCl)

Pharmacokinetic data

Bioavailability 72%

peak at 6-8 hours

Protein binding 94.5%

Metabolism Hepatic

Half life 1-3 days (acute); 4-6 days (chronic); Active metabolite Norfluoxetine 4-16 days (acute and chronic)

Excretion Kidneys 80%, intestines 15%