

Clomipramine (Cas No 17321-77-6)

Clomipramine

Systematic (IUPAC) name

3-(3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine

Identifiers

CAS number 17321-77-6

ATC code N06AA04

PubChem 2801

DrugBank APRD00253

ChemSpider 2699

Chemical data

Formula $C_{19}H_{23}ClN_2$ Mol. mass 314.9

Pharmacokinetic data

Bioavailability Oral ~50%

Metabolism Hepatic

Half life Clomipramine ~35 hours

Desmethylclomipramine (main active metabolite) ~50 hours

Excretion Renal

