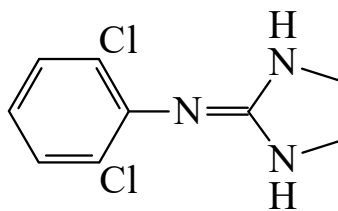




>>>**Entry Name:** Clonidine, BAN, INN, USAN

Synonym(s): *N*-(2,6-Dichlorophenyl)-4,5-dihydro-1*H*-imidazol-2-amine, 11Cl. 2,6-Dichloro-*N*-2-imidazolidinylidenebenzenamine, 9Cl. 2-(2,6-Dichloroanilino)-2-imidazoline, 8Cl. Catapressan. Many other names



CAS Registry Number: 4205-90-7

Molecular Formula: C₉H₉Cl₂N₃

Molecular Weight: 230.096

Accurate Mass: 229.017351

Percentage Composition: C 46.98%; H 3.94%; Cl 30.82%; N 18.26%

General Statement: Formerly assumed to have the imidazoline struct.

Use/Importance: α_2 -Adrenoceptor agonist. Antihypertensive drug

Melting Point: Mp 136-138°

Calculated Log P Data: Log P 1.37 (calc)

>>>**Derivative:** Hydrochloride

Synonym(s): Clonidine hydrochloride, INN, USAN. Catapres. Dixarit

CAS Registry Number: 4205-91-8

Melting Point: Mp 310-312°

Hazard & Toxicity: Can cause contact dermatitis when used transdermally. Adverse CNS and cardiovascular effects reported. LD₅₀ (rat, orl) 126 mg/kg. Exp. reprod. and teratogenic effects

Fluka: 27545

Sigma: C7897

>>>**Derivative:** *N*-Allyl

see Alinidine, [FLZ38-L](#)

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