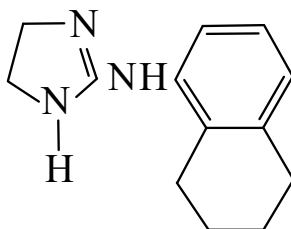




>>Entry Name: Tramazoline, BAN, INN

Synonym(s): 4,5-Dihydro-*N*-(5,6,7,8-tetrahydro-1-naphthalenyl)-1*H*-imidazol-2-amine, 9Cl. 2-[(5,6,7,8-Tetrahydro-1-naphthyl)amino]-2-imidazoline, 8Cl



CAS Registry Number: 1082-57-1

Molecular Formula: C₁₃H₁₇N₃

Molecular Weight: 215.297

Accurate Mass: 215.142247

Percentage Composition: C 72.52%; H 7.96%; N 19.52%

Use/Importance: α -Adrenoceptor agonist. Sympathomimetic drug

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 142-143°

>>Derivative: Hydrochloride

Synonym(s): Tramazoline hydrochloride, USAN. Toramazoline hydrochloride, JAN. Many other names

CAS Registry Number: 3715-90-0

Physical Description: Cryst. + 1H₂O (EtOH/Et₂O)

Melting Point: Mp 172-174°

Solubility: Sol. H₂O

Hazard & Toxicity: LD₅₀ (mus, orl) 195 mg/kg

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1258

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