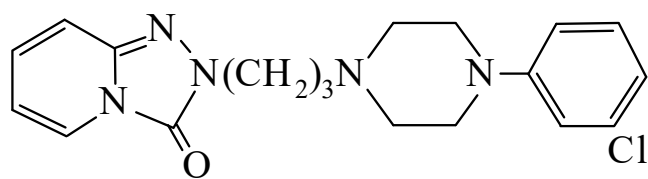




>>Entry Name: Trazodone, BAN, INN

Synonym(s): 2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-1,2,4-triazolo-[4,3-*a*]pyridin-3(2*H*)-one, 9Cl



CAS Registry Number: 19794-93-5

Molecular Formula: C₁₉H₂₂ClN₅O

Molecular Weight: 371.868

Accurate Mass: 371.151287

Percentage Composition: C 61.37%; H 5.96%; Cl 9.53%; N 18.83%; O 4.30%

Use/Importance: Antidepressant, antihypertensive agent

Melting Point: Mp 86-87°

pKa Value: pK_a 6.14

Hazard & Toxicity: LD₅₀ (rat, orl) 690 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Trazodone hydrochloride, USAN. Trittico. Many other names

CAS Registry Number: 25332-39-2

Physical Description: Plates (EtOH)

Melting Point: Mp 223°

Solubility: Sol. CHCl₃, sl. sol. H₂O, EtOH

Hazard & Toxicity: Cardiotoxic and other adverse effects when used therapeutically. LD₅₀ (rat, orl) 690 mg/kg

Sigma: T6154

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