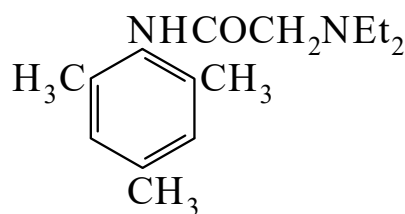




>>Entry Name: Trimecaine, INN

Synonym(s): 2-(Diethylamino)-N-(2,4,6-trimethylphenyl)acetamide, 9CI. 2-Diethylamino-2',4',6'-trimethylacetanilide, 8CI. Justecaina. Mesdicain. Mesocain. LL 31



CAS Registry Number: 616-68-2

Molecular Formula: C₁₅H₂₄N₂O

Molecular Weight: 248.367

Accurate Mass: 248.188863

Percentage Composition: C 72.54%; H 9.74%; N 11.28%; O 6.44%

Use/Importance: Local anaesthetic with antiarrhythmic activity

Melting Point: Mp 44°

Boiling Point: Bp₆ 187°. Bp_{0.6} 154-155°

Calculated Log P Data: Log P 2.56 (calc)

Hazard & Toxicity: LD₅₀ (mus, ipr) 180 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 1027-14-1

Melting Point: Mp 140°

Hazard & Toxicity: LD₅₀ (mus, ipr) 172 mg/kg

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1018

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