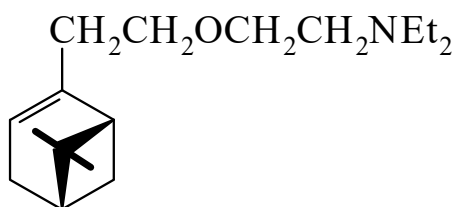




>>Entry Name: Myrtecaine, INN

Synonym(s): 2-[2-(6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethoxy]-*N,N*-diethylethanamine, 9Cl. 2-[2-(6,6-Dimethyl-2-norpinen-2-yl)ethoxy]triethylamine, 8Cl. Homomyrtenyl β-(diethylamino)ethyl ether. Nopoxamine



CAS Registry Number: 7712-50-7

Molecular Formula: C₁₇H₃₁NO

Molecular Weight: 265.438

Accurate Mass: 265.240564

Percentage Composition: C 76.92%; H 11.77%; N 5.28%; O 6.03%

Use/Importance: Local anaesthetic, spasmolytic agent

Boiling Point: Bp_{2.5} 135-140° (lit. gives a pressure range)

Calculated Log P Data: Log P 4.59 (calc)

Other Data: Component of numerous preparations

Hazard & Toxicity: LD₅₀ (mus, ivn) 48 mg/kg

References:

Baronnet, R. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1974, **9**, 182, (*synth, tox, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1015