



>>Entry Name: Moxastine, INN

Synonym(s): 2-(1,1-Diphenylethoxy)-*N,N*-dimethylethanamine, 9Cl. Mefenhydramine. Alfadryl

CAS Registry Number: 3572-74-5

Related CAS Registry Numbers(s): 21661-62-1

Ph2C(CH3)OCH2CH2NMe2

Molecular Formula: C₁₈H₂₃NO

Molecular Weight: 269.386

Accurate Mass: 269.177964

Percentage Composition: C 80.26%; H 8.61%; N 5.20%; O 5.94%

Use/Importance: Antihistamine

Boiling Point: Bp_{0.5} 125-135°

Hazard & Toxicity: LD₅₀ (mus, ipr) 95 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Spofa 325

CAS Registry Number: 4747-24-4

Melting Point: Mp 165°

References:

Czech. Pat., 1961, 99 281; *CA*, **56**, 3415a, (*synth, pharmacol*)

Sarsunova, M. *et al.*, *Pharmazie*, 1966, **21**, 752, (*tlc*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DSQ600