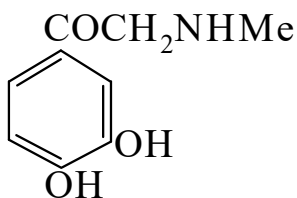




>>Entry Name: Adrenalone, INN, USAN

Synonym(s): 1-(3,4-Dihydroxyphenyl)-2-(methylamino)ethanone, 9CI. 3',4'-Dihydroxy-2-methylaminoacetophenone, 8CI. Adrenone. Chemosan. Damazor. Haemodan. Kephrene. Ketogaze. Remestyp†. Stryphonon. Stypnon



CAS Registry Number: 99-45-6

Molecular Formula: C₉H₁₁NO₃

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Use/Importance: Shows similar physiological activity to Adrenaline [FDN25-T](#). Sympathomimetic, vasoconstrictor, haemostatic

Physical Description: Needles

Melting Point: Mp 235-236 dec.°

Calculated Log P Data: Log P 0.32 (calc)

Hazard & Toxicity: LD₅₀ (mus, ivn) 275 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 62-13-5

Melting Point: Mp 242°

Fluka: 2270

Rare Chemicals Library: S58058-9

>>Derivative: Tris(benzenesulfonyl)

Melting Point: Mp 106-107°

References:

Stolz, F., *Ber.*, 1904, **37**, 4152

Friedmann, E., *Chem. Zentralbl.*, 1906, **1**, 1620, (*synth*)

Lands, A.M. *et al.*, *J. Pharmacol. Exp. Ther.*, 1948, **92**, 369, (*pharmacol*)

Ravina, A. *et al.*, *Therapie*, 1953, **8**, 224, (*props, use*)

Biniecki, S. *et al.*, *Acta Pol. Pharm.*, 1963, **20**, 245, (*synth*)

Bergin, R., *Acta Cryst. B*, 1971, **27**, 2139, (*cryst struct*)

Hussain, A. *et al.*, *J. Pharm. Sci.*, 1976, **65**, 1510, (*deriv*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1240

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, MGC350