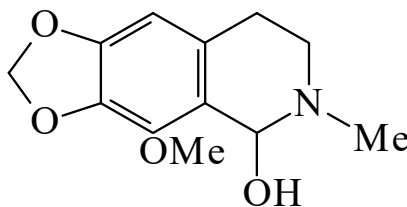




>>Entry Name: Cotarnine

Synonym(s): 5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol, 9Cl



CAS Registry Number: 82-54-2

Related CAS Registry Numbers(s): 59760-32-6

Molecular Formula: C₁₂H₁₅NO₄

Molecular Weight: 237.255

Accurate Mass: 237.100109

Percentage Composition: C 60.75%; H 6.37%; N 5.90%; O 26.97%

Use/Importance: Haemostatic

Calculated Log P Data: Log P 1.03 (calc)

Hazard & Toxicity: LD_{Lo} (rbt, ivn) 180 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₂H₁₅NO₄

Molecular Weight: 237.255

Accurate Mass: 237.100109

Percentage Composition: C 60.75%; H 6.37%; N 5.90%; O 26.97%

Physical Description: Small needles (C₆H₆)

Melting Point: Mp 132-133 dec.°

>>Derivative: Chloride

Synonym(s): Stypticin. Okistypin. Styptogen

CAS Registry Number: 10018-19-6

Molecular Formula: C₁₂H₁₄ClNO₃

Molecular Weight: 255.7

Accurate Mass: 255.066221

Percentage Composition: C 56.37%; H 5.52%; Cl 13.86%; N 5.48%; O 18.77%

Rare Chemicals Library: S38800-9

>>Derivative: Phthalate ester (2:1)

Synonym(s): Styptol

CAS Registry Number: 6190-36-9

Physical Description: Light yellow deliquescent powder

References:

Salway, A.H., *J.C.S.*, 1910, **97**, 1208, (*synth*)

Pfeifer, H., *Arch. Pharm. (Weinheim, Ger.)*, 1957, **290**, 261, (*uv*)

Szegi, J. *et al.*, *Acta Physiol. Acad. Sci. Hung.*, 1959, **16**, 325, (*pharmacol*)

Charnock, G.A. *et al.*, *J.C.S. Perkin 2*, 1972, 856, (*ms*)

Goryaev, M.I. *et al.*, *Farmatsiya (Moscow)*, 1973, **22**, 39, (*chromatog*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 924

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CNT625