



>>Derivative: Oxalate

Melting Point: Mp 200-201.5°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -103$ (c, 0.5 in H₂O)

>>Variant: (±)-form

CAS Registry Number: 5036-02-2

Molecular Formula: C₁₁H₁₂N₂S

Molecular Weight: 204.295

Accurate Mass: 204.072118

Percentage Composition: C 64.67%; H 5.92%; N 13.71%; S 15.70%

Physical Description: Cryst.

Melting Point: Mp 87-89°

>>Derivative: Hydrochloride

Synonym(s): Tetramisole hydrochloride, USAN. Anthelvert. Spartakon. Concurat. Verminject. Curaminth. Many other names

CAS Registry Number: 5086-74-8

Physical Description: Cryst.

Melting Point: Mp 264-265°

Hazard & Toxicity: Human systemic effects by ingestion (skin dermatitis). LD₅₀ (rat, orl) 480 mg/kg

Aldrich: 19613-4

Sigma: T1512

>>Derivative: Monocyclamate

Synonym(s): Many other names

CAS Registry Number: 24360-92-7

References:

- Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **2**, 644C; 645A, (*nmr*)
- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 1306C; 1306D, (*ir*)
- Thienpont, D. *et al.*, *Nature (London)*, 1966, **209**, 1084, (*synth*)
- Raeymaekers, A.H.M. *et al.*, *Tet. Lett.*, 1967, 1467, (*resoln, abs config*)
- Baklien, A. *et al.*, *Aust. J. Chem.*, 1968, **21**, 1557, (*synth, bibl*)
- Bullock, M.W. *et al.*, *J. Med. Chem.*, 1968, **11**, 169, (*synth*)
- Janssen, P.A.J., *Prog. Drug Res.*, 1976, **20**, 347, (*rev*)
- Coles, G.C., *Pestic. Sci.*, 1977, **8**, 536, (*rev*)
- Guerrero, J., *J. Am. Vet. Med. Assoc.*, 1980, **176**, 1163, (*rev, pharmacol*)
- Amery, W.K. *et al.*, *Immunol. Ser.*, 1984, **25**, 383, (*pharmacol*)
- Brienne, M.J. *et al.*, *Bull. Soc. Chim. Fr.*, 1985, **5**, 876, (*props*)
- Renoux, G., *Int. Encycl. Pharmacol. Ther.*, 1985, **115**, 393, (*rev*)
- Acs, M. *et al.*, *Tetrahedron*, 1985, **41**, 2465, (*resoln*)
- Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 1923; 1925
- Amery, W.K.P. *et al.*, *Int. J. Immunopharmacol.*, 1992, **14**, 481, (*rev*)
- Martindale, The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 44
- Sakuraba, S. *et al.*, *Chem. Pharm. Bull.*, 1995, **43**, 738, (*synth*)
- Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LFA000; LFA020; TDX750