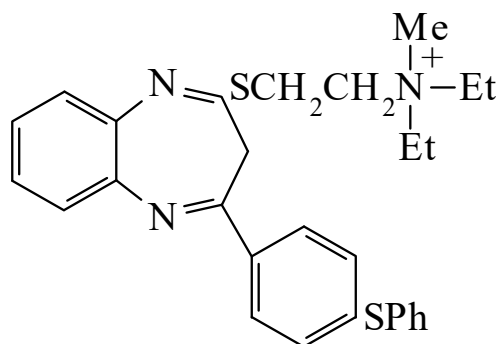




>>Entry Name: Tibezonium(1+)

Synonym(s): *N,N*-Diethyl-*N*-methyl-2-[[4-[4-(phenylthio)phenyl]-3*H*-1,5-benzodiazepin-2-yl]thio]ethanaminium, 9Cl. Diethylmethyl[2-[[4-[*p*-(phenylthio)phenyl]-3*H*-1,5-benzodiazepin-2-yl]thio]ethyl]ammonium. Thiabenzazonium



Molecular Formula: C₂₈H₃₂N₃S₂⁽⁺⁾

Molecular Weight: 474.713

Accurate Mass: 474.203762

Percentage Composition: C 70.84%; H 6.79%; N 8.85%; S 13.51%

>>Derivative: Iodide

Synonym(s): Tibezonium iodide, INN. Antoral. Maxius. Rec 15/0691

CAS Registry Number: 54663-47-7

Use/Importance: Antibacterial agent

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 162°

Hazard & Toxicity: LD₅₀ (rat, orl) >10000 mg/kg. LD₅₀ (rat, ipr) 35 mg/kg

References:

- Nardi, D. *et al.*, *Experientia*, 1975, **31**, 440, (*pharmacol, tox*)
Nardi, D. *et al.*, *Farmaco, Ed. Sci.*, 1975, **30**, 248, (*synth, pharmacol*)
Veronese, M. *et al.*, *Boll. Chim. Farm.*, 1977, **116**, 424, (*activity*)
Fontani, F. *et al.*, *Boll. Chim. Farm.*, 1977, **116**, 705, (*pmr, ms, tlc*)
de Angelis, L., *Drugs of the Future*, 1978, **3**, 152, (*rev*)
Giordano, F., *Farmaco, Ed. Sci.*, 1986, **41**, 689, (*cryst struct*)
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