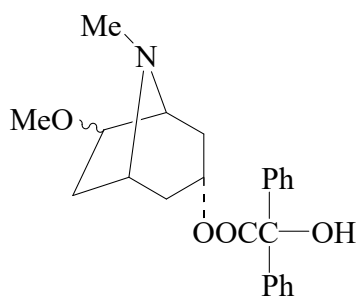




>>Entry Name: Tropenzile



CAS Registry Number: 53834-53-0

Molecular Formula: C₂₃H₂₇NO₄

Molecular Weight: 381.471

Accurate Mass: 381.194009

Percentage Composition: C 72.42%; H 7.13%; N 3.67%; O 16.78%

Physical Description: Needles (C₆H₆/petrol)

Melting Point: Mp 99-101°

>>Derivative: Hydrochloride

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 146-148°

>>Derivative: Methobromide

Synonym(s): Tropenziline bromide, INN. Palerol. Palerosan

CAS Registry Number: 143-92-0

Molecular Formula: C₂₄H₃₀BrNO₄

Molecular Weight: 476.409

Accurate Mass: 475.15582

Percentage Composition: C 60.51%; H 6.35%; Br 16.77%; N 2.94%; O 13.43%

Biological Use/Importance: Spasmolytic agent; anticholinergic agent

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 234-235 dec.°

References:

- Rothlin, E. *et al.*, *Experientia*, 1954, **10**, 142-145, (*pharmacol*)
Stoll, A. *et al.*, *Helv. Chim. Acta*, 1955, **38**, 571-584, (*synth*)
U.K. Pat., 1955, Sandoz, 765 821; *CA*, **51**, 15619e, (*tropenziline bromide, synth*)
U.K. Pat., 1956, Sandoz, 764 227; *CA*, **51**, 16571i, (*synth*)
Lecchini, S. *et al.*, *J. Pharm. Pharmacol.*, 1969, **21**, 662, (*tropenziline bromide, pharmacol*)
Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., Pharmaceutical Press, 1982, 423