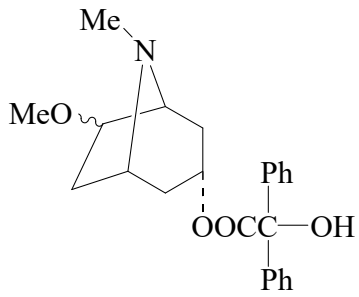
>>**Entry Name: Tropenzile**



CAS Registry Number: 53834-53-0

Molecular Formula: $C_{23}H_{27}NO_4$
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 (C_6H_6/petrol)
Melting Point: Mp 99-101°

>>**Derivative:** Hydrochloride

Physical Description: Cryst. (MeOH/Et_2O)
Melting Point: Mp 146-148°

>>**Derivative:** Methobromide
Synonym(s): Tropenziline bromide, INN**.** Palerol. Palerosan

CAS Registry Number: 143-92-0

Molecular Formula: $C_{24}H_{30}BrNO_4$
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/Et_2O)
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