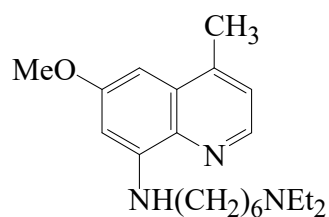




>>Entry Name: Sitamaquine, INN

Synonym(s): *N,N*-Diethyl-*N'*-(6-methoxy-4-methyl-8-quinoliny)-1,6-hexanediamine, 9Cl. 8-(6-Diethylaminohexylamino)-6-methoxy-4-methylquinoline. 8-(6-Diethylaminohexylamino)-6-methoxylepidine. WR 6026



CAS Registry Number: 57695-04-2

Molecular Formula: C₂₁H₃₃N₃O

Molecular Weight: 343.511

Accurate Mass: 343.262362

Percentage Composition: C 73.43%; H 9.68%; N 12.23%; O 4.66%

Biological Use/Importance: Antiprotozoal agent

Boiling Point: Bp_{0.05} 190-200°

Other Data: Analogue of Primaquine [DKK01-V](#)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 5330-29-0

Physical Description: Yellow cryst. (propanol)

Melting Point: Mp 179-180°

References:

Campbell, K.N. *et al.*, *J.A.C.S.*, 1946, **68**, 1556-1559, (*synth*)

U.S. Pat., 1950, 2 508 937; *CA*, **44**, 9987h, (*synth*)

Johnson, J.L. *et al.*, *J. Med. Chem.*, 1983, **26**, 185-194, (*synth, pharmacol*)

Shipley, L.A. *et al.*, *Xenobiotica*, 1990, **20**, 31-44, (*metab*)

Chiari, E. *et al.*, *Antimicrob. Agents Chemother.*, 1996, **40**, 613-615, (*pharmacol*)

Levine, B.S. *et al.*, *Drug Dev. Res.*, 1997, **40**, 75-87, (*pharmacol*)