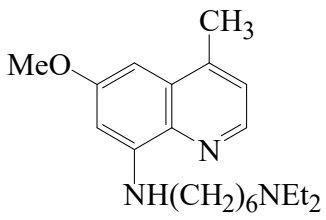
>>**Entry Name: Sitamaquine,** INN

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



CAS Registry Number: 57695-04-2

Molecular Formula: $C_{21}H_{33}N_3O$
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)*