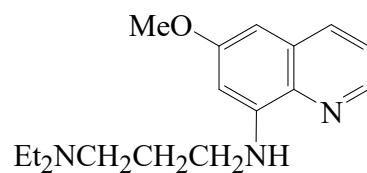




>>Entry Name: Plasmocid

Synonym(s): *N,N*-Diethyl-*N'*-(6-methoxy-8-quinoliny)-1,3-propanediamine, 9Cl. 8-(3-Diethylaminopropylamino)-6-methoxyquinoline, 9Cl. Antimalarine. Fourneau 710. Rhodoquine. 710 F. SN 3115



CAS Registry Number: 551-01-9

Molecular Formula: C₁₇H₂₅N₃O

Molecular Weight: 287.404

Accurate Mass: 287.199762

Percentage Composition: C 71.05%; H 8.77%; N 14.62%; O 5.57%

Biological Use/Importance: Antimalarial agent

Physical Description: Oily liq.

Boiling Point: Bp₁ 182°

Density: d₄²⁴ 1.06

Refractive Index: n_D²⁴ 1.5855

>>Derivative: Hydrochloride (1:2)

Physical Description: Yellow cryst.

Melting Point: Mp 218-220°

>>Derivative: Phosphate (1:2)

Physical Description: Yellow cryst.

Melting Point: Mp 169-171°

References:

Fourneau, E. *et al.*, *Ann. Inst. Pasteur (Paris)*, 1931, **46**, 514-541, (*pharmacol*)

Yanko, W.H. *et al.*, *J.A.C.S.*, 1945, **67**, 664-668, (*synth*)

Drake, N.L. *et al.*, *J.A.C.S.*, 1946, **68**, 1536-1543, (*synth*)