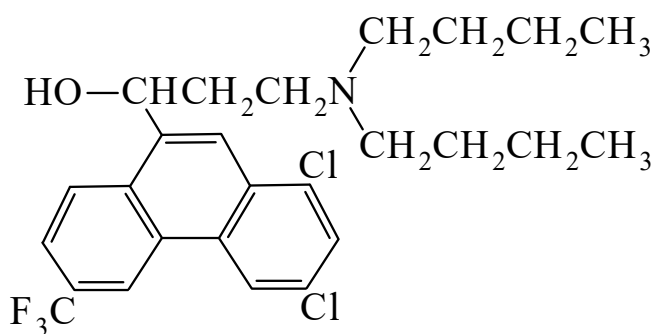




>>Entry Name: Halofantrine, BAN, INN

Synonym(s): 1,3-Dichloro- α -[2-(dibutylamino)ethyl]-6-(trifluoromethyl)-9-phenanthrenemethanol, 9Cl



CAS Registry Number: 69756-53-2

Molecular Formula: $C_{26}H_{30}Cl_2F_3NO$

Molecular Weight: 500.43

Accurate Mass: 499.165652

Percentage Composition: C 62.40%; H 6.04%; Cl 14.17%; F 11.39%; N 2.80%; O 3.20%

Use/Importance: Antimalarial drug

Development Status: Launched 1988

>>Variant: ($\pm$)-form

CAS Registry Number: 66051-63-6

Molecular Formula: $C_{26}H_{30}Cl_2F_3NO$

Molecular Weight: 500.43

Accurate Mass: 499.165652

Percentage Composition: C 62.40%; H 6.04%; Cl 14.17%; F 11.39%; N 2.80%; O 3.20%

Calculated Log P Data: Log P 8.44 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): Halofantrine hydrochloride, USAN. Halfan. WR 171669

CAS Registry Number: 36167-63-2

Melting Point: Mp 93-96°. Mp 203-204°

Hazard & Toxicity: LD₅₀ (rat, orl) 3400 mg/kg. Exp. reprod. and teratogenic effects

References:

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Bryson, H.M. *et al.*, *Drugs*, 1992, **43**, 236, (*rev*)

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