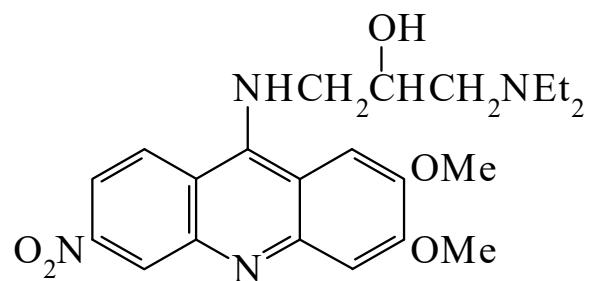




>>Entry Name: 1-(Diethylamino)-3-[(2,3-dimethoxy-6-nitro-9-acridinyl)amino]-2-propanol, 9Cl

Synonym(s): Nitroakridin 3582. Nitroacridine 3582. L 280401. W 1889



CAS Registry Number: 6035-39-8

Molecular Formula: C₂₂H₂₈N₄O₅

Molecular Weight: 428.487

Accurate Mass: 428.205971

Percentage Composition: C 61.67%; H 6.59%; N 13.08%; O 18.67%

Use/Importance: Antibacterial, antiseptic

Calculated Log P Data: Log P 4.07 (calc)

Hazard & Toxicity: Mutagenic props.

>>Variant: (±)-form

Molecular Formula: C₂₂H₂₈N₄O₅

Molecular Weight: 428.487

Accurate Mass: 428.205971

Percentage Composition: C 61.67%; H 6.59%; N 13.08%; O 18.67%

Physical Description: Cryst. (Me₂CO)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 73972-50-6

Physical Description: Orange cryst.

Other Data: Dec. at 219-220°

Hazard & Toxicity: Mutagenic props.

References:

Miller, C.S. *et al.*, *J.O.C.*, 1948, **13**, 891, (*synth, bibl*)

Steck, E.A. *et al.*, *J.A.C.S.*, 1957, **79**, 4414, (*synth*)

Wolfe, A.D. *et al.*, *J. Bacteriol.*, 1971, **108**, 320, (*props*)

Wolfe, A.D., *Prog. Mol. Subcell. Biol.*, 1971, **2**, 247, (*rev*)