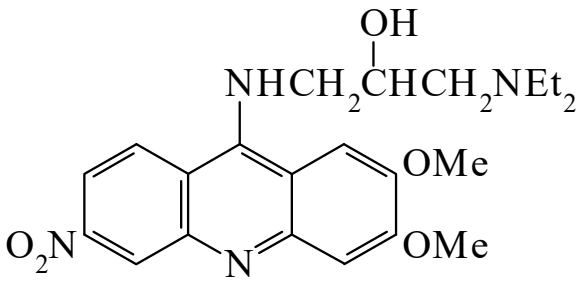
>>**Entry Name: 1-(Diethylamino)-3-[(2,3-dimethoxy-6-nitro-9-acridinyl)amino]-2-propanol,** 9CI
Synonym(s): Nitroakridin 3582. Nitroacridine 3582. L 280401. W 1889



CAS Registry Number: 6035-39-8

Molecular Formula: $C_{22}H_{28}N_4O_5$
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: $C_{22}H_{28}N_4O_5$
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. (Me_2CO)

>>**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)*