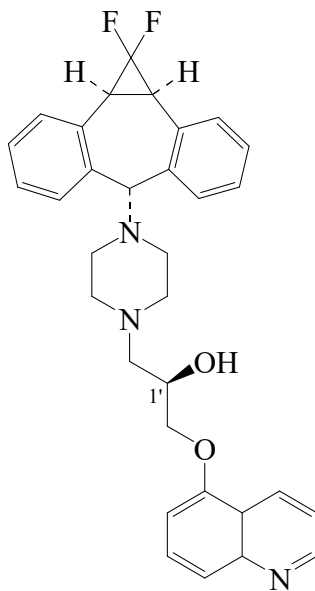




>>Entry Name: 4-(1,1-Difluoro-1,1a,6,10b-tetrahydrodibenzo[a,e]cyclopropa[c]cyclohepten-6-yl)- α -[(5-quinolinylloxy)methyl]-1-piperazineethanol, 9Cl
Synonym(s): LY 335979. RS-33295-198



CAS Registry Number: 167354-40-7

Related CAS Registry Numbers(s): 167155-71-7 173009-84-2 223436-90-6

Molecular Formula: $C_{32}H_{31}F_2N_3O_2$

Molecular Weight: 527.613

Accurate Mass: 527.238433

Percentage Composition: C 72.85%; H 5.92%; F 7.20%; N 7.96%; O 6.06%

Biological Use/Importance: Modulator of P-glycoprotein-mediated multidrug resistance

>>Variant: (1aR,1'R,6R,10bS)-form

CAS Registry Number: 167354-41-8

Molecular Formula: $C_{32}H_{31}F_2N_3O_2$

Molecular Weight: 527.613

Accurate Mass: 527.238433

Percentage Composition: C 72.85%; H 5.92%; F 7.20%; N 7.96%; O 6.06%

>>Derivative: Hydrochloride (1:3)

CAS Registry Number: 167465-36-3

Melting Point: Mp 190°

References:

- Pat. Coop. Treaty (WIPO)*, 1994, *Syntex*, 94 24 107; *CA*, **123**, 169656n, (*synth, isomers, pharmacol*)
Pfister, J.R. *et al.*, *Bioorg. Med. Chem. Lett.*, 1995, **5**, 2473-2476, (*synth*)
Dantzig, A.H. *et al.*, *Cancer Res.*, 1996, **56**, 4171-4179, (*pharmacol*)
Dantzig, A.H. *et al.*, *J. Pharmacol. Exp. Ther.*, 1999, **290**, 854-862, (*pharmacol*)