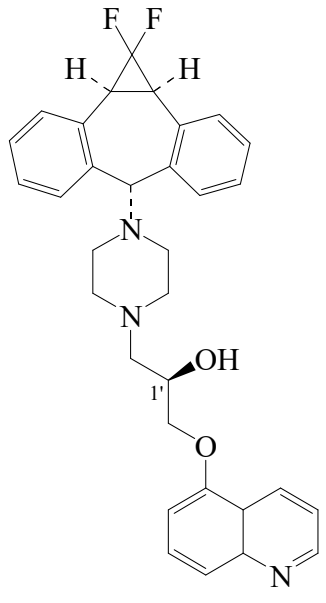
>>**Entry Name: 4-(1,1-Difluoro-1,1*a*,6,10*b*-tetrahydrodibenzo[*a*,*e*]cyclopropa[*c*]cycloheptен-6-yl)-α-[(5-quinolinyloxy)methyl]-1-piperazineethanol,** 9CI
Synonym(s): LY 335979. RS-33295-198



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:** (1*aR*,1'*R*,6*R*,10*bS*)-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)*