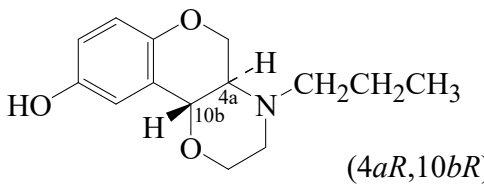
>>**Entry Name: 3,4,4*a*,10*b*-Tetrahydro-4-propyl-2*H*,5*H*[1]benzopyrano[4,3-*b*]-1,4-oxazin-9-ol,** 9CI
Synonym(s): PD 128907



(4*aR*,10*bR*)-*form*

Related CAS Registry Numbers(s): 123594-64-9

Molecular Formula: $C_{14}H_{19}NO_3$
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Biological Use/Importance: Dopamine D_3 receptor agonist

>>**Variant:** (4*aR*,10*bR*)-form

CAS Registry Number: 123671-92-1
Molecular Formula: $C_{14}H_{19}NO_3$
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Physical Description: Solid (EtOH)
Melting Point: Mp 265-271° (dec.) (as hydrochloride)
Optical Rotation: $[\alpha]_D$ +62.7 (c, 1.07 in H_2O) (as hydrochloride)
Other Data: Pharmacol. active isomer

>>**Variant:** (4*aS*,10*bS*)-form

CAS Registry Number: 123671-93-2
Molecular Formula: $C_{14}H_{19}NO_3$
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Melting Point: Mp 259-264° (dec.) (as hydrochloride)
Optical Rotation: $[\alpha]_D$ –63 (c, 1.11 in H_2O) (as hydrochloride)

>>**Variant:** (4*aRS*,10*bRS*)-form
Synonym(s): (±)-*trans*-form

CAS Registry Number: 112960-12-0
Molecular Formula: $C_{14}H_{19}NO_3$
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Physical Description: Oil

>>**Derivative:** Hydrochloride

CAS Registry Number: 112960-16-4
Physical Description: Cryst. (EtOH/Et_2O)
Melting Point: Mp 220° (dec.)
pKa Value: pK_a 6.1; pK_a 10.3

References:

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Dijkstra, D. *et al.*, *J. Med. Chem.*, 1988, **31**, 2178-2182, *((±)-trans-form, synth, pmr, ir, pharmacol)*
DeWald, H.A. *et al.*, *J. Med. Chem.*, 1990, **33**, 445-450, *(isomers, synth, pmr, pharmacol)*
Pugsley, T.A. *et al.*, *J. Pharmacol. Exp. Ther.*, 1995, **275**, 1355-1366, *(pharmacol)*
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