CAS Registry Number: 38990-09-9

Molecular Formula: $C_{20}H_{24}N_2O_2$
Molecular Weight: 324.422
Accurate Mass: 324.183778
Percentage Composition: C 74.05%; H 7.46%; N 8.63%; O 9.86%
Biological Source: Alkaloid from the stem bark of *Pleiocarpa talbotii* (Apocynaceae)
Physical Description: Cryst. (Et_2O/pentane)
Melting Point: Mp 152-154°
Optical Rotation: $[\alpha]_D^{23}$ –190 (c, 0.95 in $CHCl_3$)
pKa Value: pK_a 6.9 (MCS)

>>**Derivative:** 16-Epimer, picrate

Physical Description: Cryst. (MeOH)
Melting Point: Mp 187-189°

>>**Derivative:** 16-Epimer, *N*-Me
Synonym(s): *N*-Methyl-16-epiaffinine

CAS Registry Number: 58262-66-1

Molecular Formula: $C_{21}H_{26}N_2O_2$
Molecular Weight: 338.449
Accurate Mass: 338.199428
Percentage Composition: C 74.53%; H 7.74%; N 8.28%; O 9.45%
Biological Source: Alkaloid from *Tabernaemontana accedens* (Apocynaceae)
Physical Description: Plates (MeOH)
Melting Point: Mp 208-210 dec.°
Optical Rotation: $[\alpha]_D^{20}$ –243 (c, 0.05 in $CHCl_3$)

>>**Derivative:** 16-Epimer, 10-hydroxy
Synonym(s): 10-Hydroxy-16-epiaffinine

CAS Registry Number: 82513-70-0

Molecular Formula: $C_{20}H_{24}N_2O_3$
Molecular Weight: 340.421
Accurate Mass: 340.178693
Percentage Composition: C 70.57%; H 7.11%; N 8.23%; O 14.10%
Biological Source: Alkaloid from *Hunteria zeylanica* (Apocynaceae)
Physical Description: Amorph.
Optical Rotation: $[\alpha]_D$ –122 (c, 0.46 in $CHCl_3$)