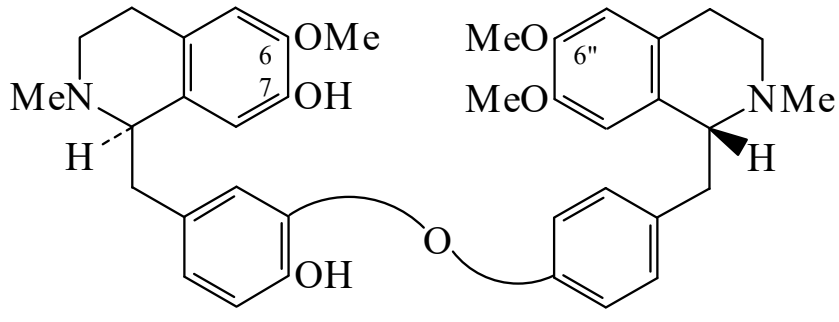
>>**Entry Name: Daurisoline**



CAS Registry Number: 70553-76-3

Molecular Formula: $C_{37}H_{42}N_2O_6$
Molecular Weight: 610.749
Accurate Mass: 610.304288
Percentage Composition: C 72.76%; H 6.93%; N 4.59%; O 15.72%
Biological Source: Alkaloid from *Menispermum dauricum* (Menispermaceae)
Use/Importance: Muscle relaxant
Melting Point: Mp 96-102°
Optical Rotation: $[\alpha]_D^{20}$ –129 (c, 0.65 in MeOH)
Calculated Log P Data: Log P 6.4 (calc)

>>**Derivative:** *N*$^{2'}$-De-Me
Synonym(s): 2'-*N*-Nordaurisoline. Pampulhamine. 7'-*O*-Methylpedroamine

CAS Registry Number: 110300-71-5

Molecular Formula: $C_{36}H_{40}N_2O_6$
Molecular Weight: 596.722
Accurate Mass: 596.288638
Percentage Composition: C 72.46%; H 6.76%; N 4.69%; O 16.09%
Biological Source: Alkaloid from the stems of *Abuta pahni* (Menispermaceae) and leaves of *Aristolochia gigantea* (Aristolochiaceae)
Optical Rotation: $[\alpha]_D$ –58 (c, 0.18 in MeOH)
Other Data: Obt. rotn. refers to Pampulhamine

>>**Derivative:** *N*$^{2'}$-De-Me, 12-Me ether
Synonym(s): Geraldoamine. 7',12-Di-*O*-methylpedroamine. 12-*O*-Methylpampulhamine

CAS Registry Number: 112523-89-4

Molecular Formula: $C_{37}H_{42}N_2O_6$
Molecular Weight: 610.749
Accurate Mass: 610.304288
Percentage Composition: C 72.76%; H 6.93%; N 4.59%; O 15.72%
Biological Source: Alkaloid from leaves of *Aristolochia gigantea*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D$ –65 (c, 0.1 in MeOH)

>>**Derivative:** *O*^{6}-De-Me, *O*^{7}-Me
Synonym(s): Dauricinoline

CAS Registry Number: 30984-80-6

Molecular Formula: $C_{37}H_{42}N_2O_6$
Molecular Weight: 610.749
Accurate Mass: 610.304288
Percentage Composition: C 72.76%; H 6.93%; N 4.59%; O 15.72%
Biological Source: Alkaloid from rhizomes of *Menispermum dauricum* (Menispermaceae)
Use/Importance: Muscle relaxant
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{21}$ –94.6 (MeOH)