Melting Point: Mp 101-103°

>>**Derivative:** 7-*O*-(2,3-Epoxy-3-methylbutyl), 4,8-di-Me ether
Synonym(s): Anhydroevoxine

CAS Registry Number: 24099-25-0

Molecular Formula: $C_{18}H_{19}NO_5$
Molecular Weight: 329.352
Accurate Mass: 329.126324
Percentage Composition: C 65.64%; H 5.81%; N 4.25%; O 24.29%
Biological Source: Alkaloid from the branch ends of *Evodia xanthoxyloides* and from *Haplophyllum ferganicum* and *Haplophyllum perforatum*
Physical Description: Cryst. (Et_2O/hexane)
Melting Point: Mp 141-144°
Optical Rotation: $[\alpha]_D$ +13 ($CHCl_3$)

>>**Derivative:** 7-*O*-(2,3-Dihydroxy-3-methylbutyl), 4,8-di-Me ether
Synonym(s): Evoxine. 7-(2,3-Dihydroxy-3-methylbutoxy)-8-methoxydictamnine. Haploperine. Haplophytin B

CAS Registry Number: 522-11-2

Molecular Formula: $C_{18}H_{21}NO_6$
Molecular Weight: 347.367
Accurate Mass: 347.136889
Percentage Composition: C 62.24%; H 6.09%; N 4.03%; O 27.64%
Biological Source: Alkaloid from *Evodia xanthoxyloides*, *Monnieria trifolia* and several *Haplopyllum* spp. (Rutaceae)
Melting Point: Mp 154-155°
Optical Rotation: $[\alpha]_D^{22}$+14.6 (EtOH). $[\alpha]_D$ +63.6 (c, 0.33 in MeOH) ((Haplophytine B))

>>**Derivative:** 7-*O*-(2-Acetoxy-3-hydroxy-3-methylbutyl), 4,8-di-Me ether
Synonym(s): Evoxine acetate. 2'-Acetylevoxine

CAS Registry Number: 40817-01-4
Extra CAS Registry Numbers(s): 64397-07-5
Molecular Formula: $C_{20}H_{23}NO_7$
Molecular Weight: 389.404
Accurate Mass: 389.147454
Percentage Composition: C 61.69%; H 5.95%; N 3.60%; O 28.76%
Biological Source: Alkaloid from *Haplophyllum hispanicum*, *Haplophyllum fergancum* and *Haplophyllum ramosissimum*
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 168.5-169.5°

>>**Derivative:** 7-*O*-(2-Hydroxy-3-methoxy-3-methylbutyl), 4,8-di-Me ether
Synonym(s): Methylevoxine

CAS Registry Number: 56775-80-5

Molecular Formula: $C_{19}H_{23}NO_6$
Molecular Weight: 361.394
Accurate Mass: 361.152539
Percentage Composition: C 63.15%; H 6.41%; N 3.88%; O 26.56%
Biological Source: Alkaloid from *Haplophyllum glabrinum*, *Haplophyllum perforatum* and *Haplophyllum obtusifolium*
Physical Description: Needles
Melting Point: Mp 55-56°
UV: [neutral] λ_{max} 251 (log ε 4.91); 322 (log ε 3.78); 334 (log ε 3.77) (no solvent reported)

>>**Derivative:** 7-*O*-(2-Hydroxy-3-methyl-3-butenyl), 4,8-di-Me ether
Synonym(s): Evodine‡

CAS Registry Number: 6989-38-4

Molecular Formula: $C_{18}H_{19}NO_5$
Molecular Weight: 329.352
Accurate Mass: 329.126324
Percentage Composition: C 65.64%; H 5.81%; N 4.25%; O 24.29%
Biological Source: Alkaloid from the leaves of *Evodia xanthoxyloides* (Rutaceae)
Melting Point: Mp 153-154°