Other Data: Abs. config. not detd., may belong to the (3*S*,6*S*)-form

>>**Derivative:** 3-*O*-Phenylacetyl
Synonym(s): Tropane-3,6-diol phenylacetate

CAS Registry Number: 104086-64-8

Molecular Formula: $C_{16}H_{21}NO_3$
Molecular Weight: 275.347
Accurate Mass: 275.152144
Percentage Composition: C 69.79%; H 7.69%; N 5.09%; O 17.43%
Biological Source: Alkaloid from root bark of *Erythroxylum hypericifolium* (Erythroxylaceae)
Physical Description: Cryst. (EtOH)
Melting Point: Mp 85°
Optical Rotation: $[\alpha]_D^{20}$+4.3 (c, 1.5 in EtOH)

>>**Derivative:** 3-*O*-Phenylacetyl, 6-Ac
Synonym(s): Tropane 3,6-diol 3-phenylacetate 6-acetate

CAS Registry Number: 97345-82-9

Molecular Formula: $C_{18}H_{23}NO_4$
Molecular Weight: 317.384
Accurate Mass: 317.162709
Percentage Composition: C 68.12%; H 7.30%; N 4.41%; O 20.16%
Biological Source: Alkaloid from root bark of *Erythroxylum hypericifolium* (Erythroxylaceae)
Melting Point: Mp 133° (as picrate)

>>**Variant:** (3*S*,6*S*)-form

CAS Registry Number: 4839-11-6

Molecular Formula: $C_8H_{15}NO_2$
Molecular Weight: 157.212
Accurate Mass: 157.110279
Percentage Composition: C 61.12%; H 9.62%; N 8.91%; O 20.35%
Biological Source: Alkaloid in *Anthocercis* spp. (Solanaceae)
Melting Point: Mp 212°
Optical Rotation: $[\alpha]_D^{27}$–23.3 (c, 2 in EtOH)

>>**Derivative:** 3,6-Di-Ac, hydrobromide

Melting Point: Mp 219-220°

>>**Derivative:** 3-*O*-(2-Methylpropanoyl)
Synonym(s): 3-Isobutyryloxytropan-6-ol

CAS Registry Number: 78886-99-4

Molecular Formula: $C_{12}H_{21}NO_3$
Molecular Weight: 227.303
Accurate Mass: 227.152144
Percentage Composition: C 63.41%; H 9.31%; N 6.16%; O 21.12%
Biological Source: Alkaloid from aerial parts of *Anthocercis albicans* (Solanaceae)

>>**Derivative:** 3-*O*-(3-Methylbutanoyl)
Synonym(s): Valeroidine

CAS Registry Number: 490-96-0

Molecular Formula: $C_{13}H_{23}NO_3$
Molecular Weight: 241.33
Accurate Mass: 241.167794
Percentage Composition: C 64.70%; H 9.61%; N 5.80%; O 19.89%
Biological Source: Alkaloid from *Datura sanguinea* and *Duboisia myoporoides* (Solanaceae)
Melting Point: Mp 85°
Optical Rotation: $[\alpha]_D^{20}$–9 (c, 5 in EtOH)