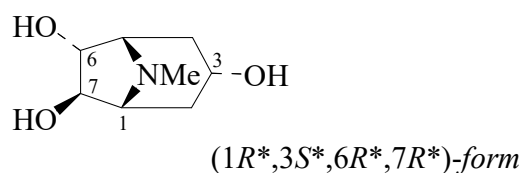




>>Entry Name: 8-Methyl-8-azabicyclo[3.2.1]octane-3,6,7-triol, 9Cl

Synonym(s): 3,6,7-Tropanetriol. 3,6,7-Trihydroxytropane



Related CAS Registry Numbers(s): 21030-92-2 62058-54-2

Molecular Formula: C₈H₁₅NO₃

Molecular Weight: 173.211

Accurate Mass: 173.105194

Percentage Composition: C 55.47%; H 8.73%; N 8.09%; O 27.71%

Melting Point: Mp 169-170° (hydrate)

>>Variant: (1*R**,3*S**,6*R**,7*R**)-form

Synonym(s): (3α,6α,7β)-form

Molecular Formula: C₈H₁₅NO₃

Molecular Weight: 173.211

Accurate Mass: 173.105194

Percentage Composition: C 55.47%; H 8.73%; N 8.09%; O 27.71%

Other Data: Chiral stereoisomer

>>Derivative: 3-*O*-(3,4,5-Trimethoxy-*E*-cinnamoyl), 6-*O*-(3,4,5-trimethoxybenzoyl)

Synonym(s): Erythrorotundine

CAS Registry Number: 307334-87-8

Molecular Formula: C₃₀H₃₇NO₁₁

Molecular Weight: 587.622

Accurate Mass: 587.236664

Percentage Composition: C 61.32%; H 6.35%; N 2.38%; O 29.95%

Biological Source: Alkaloid from *Erythroxylon rotundifolium*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 176°

Optical Rotation: [α]_D²⁵ −20.8 (c, 0.1 in EtOH)

>>Variant: (1*R**,3*S**,6*S**,7*R**)-form

Synonym(s): (3α,6β,7β)-form. Teloidine

CAS Registry Number: 575-62-2

Molecular Formula: C₈H₁₅NO₃

Molecular Weight: 173.211

Accurate Mass: 173.105194

Percentage Composition: C 55.47%; H 8.73%; N 8.09%; O 27.71%

Melting Point: Mp 169-172° (hydrate)

Other Data: A *meso*-stereoisomer but 6-mono- and 3,6-disubstituted derivs are chiral. There is currently no data on abs. configs

>>Derivative: Hydrochloride

Physical Description: Prisms (EtOH)

Melting Point: Mp 300°

>>Derivative: Hydrobromide

Melting Point: Mp 295°

>>Derivative: 3-*O*-Tigloyl

Synonym(s): Meteloidine

CAS Registry Number: 526-13-6