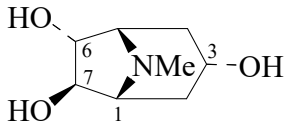
>>**Entry Name: 8-Methyl-8-azabicyclo[3.2.1]octane-3,6,7-triol,** 9CI
Synonym(s): 3,6,7-Tropanetriol. 3,6,7-Trihydroxytropane



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

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

Molecular Formula: $C_8H_{15}NO_3$
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: $C_8H_{15}NO_3$
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: $C_{30}H_{37}NO_{11}$
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: $[\alpha]_D^{25}$ –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: $C_8H_{15}NO_3$
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