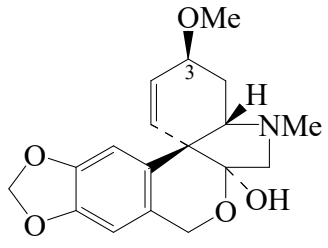
>>**Entry Name: Tazettine**
Synonym(s): Ungernine. Sekisanine. Sekisanoline



Absolute Configuration

Molecular Formula: $C_{18}H_{21}NO_5$
Molecular Weight: 331.368
Accurate Mass: 331.141974
Percentage Composition: C 65.24%; H 6.39%; N 4.23%; O 24.14%

>>**Variant:** (+)-form

CAS Registry Number: 507-79-9

Molecular Formula: $C_{18}H_{21}NO_5$
Molecular Weight: 331.368
Accurate Mass: 331.141974
Percentage Composition: C 65.24%; H 6.39%; N 4.23%; O 24.14%
Biological Source: Isol. from *Narcissus tazetta* and a very large number of spp. in the Amaryllidaceae
Biological Use/Importance: Weak hypotensive agent
Melting Point: Mp 210-211°
Optical Rotation: $[\alpha]_D^{16}$+150 ($CHCl_3$)
Other Data: Has been shown to be an artifact produced by base-catalysed rearr. of Pretazettine CGQ73-J in two cases studied, and is probably an artifact in all cases
Hazard & Toxicity: LD_{50} (dog, ivn) 71 mg/kg

>>**Derivative:** Picrate

Melting Point: Mp 205-208°

>>**Derivative:** *O*-Ac

Molecular Formula: $C_{20}H_{23}NO_6$
Molecular Weight: 373.405
Accurate Mass: 373.152539
Percentage Composition: C 64.33%; H 6.21%; N 3.75%; O 25.71%
Melting Point: Mp 125-126.5°

>>**Derivative:** *O*-De-Me
Synonym(s): *O*-Demethyltazettine. **Tazettinol**

CAS Registry Number: 560-31-6

Molecular Formula: $C_{17}H_{19}NO_5$
Molecular Weight: 317.341
Accurate Mass: 317.126324
Percentage Composition: C 64.34%; H 6.03%; N 4.41%; O 25.21%
Biological Source: Alkaloid from bulbs of *Hippeastrum equestre*
Melting Point: Mp 179-181°
Optical Rotation: $[\alpha]_D^{22}$+85 (c, 1 in MeOH)

>>**Derivative:** *O*-De-Me, 3-*O*-(3-hydroxybutanoyl)
Synonym(s): 3-*O*-(3-Hydroxybutanoyl)tazettinol

Molecular Formula: $C_{21}H_{25}NO_7$
Molecular Weight: 403.431
Accurate Mass: 403.163104
Percentage Composition: C 62.52%; H 6.25%; N 3.47%; O 27.76%
Biological Source: Alkaloid from *Galanthus plicatus* ssp. *byzantinus*
Physical Description: Amorph. solid
Optical Rotation: $[\alpha]_D$ +63.5 (c, 0.22 in MeOH)
UV: [neutral] λ_{max} 215 (log ε 4.12); 234 (log ε 3.87); 292 (log ε 3.6) (MeOH)