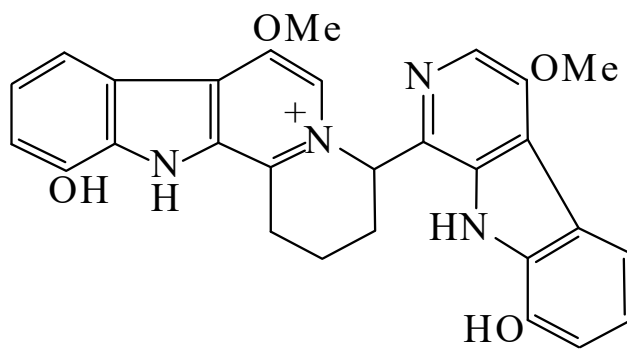




>>Entry Name: Picrasidine T



Molecular Formula: C₂₈H₂₅N₄O₄⁽⁺⁾

Molecular Weight: 481.53

Accurate Mass: 481.187581

Percentage Composition: C 69.84%; H 5.23%; N 11.64%; O 13.29%

>>Variant: (±)-form

Molecular Formula: C₂₈H₂₅N₄O₄

Molecular Weight: 481.53

Accurate Mass: 481.187581

Percentage Composition: C 69.84%; H 5.23%; N 11.64%; O 13.29%

Biological Source: Alkaloid from the bark of *Picrasma quassioides* (Simaroubaceae)

>>Derivative: Chloride

CAS Registry Number: 113808-03-0

Molecular Formula: C₂₈H₂₅ClN₄O₄

Molecular Weight: 516.983

Accurate Mass: 516.156433

Percentage Composition: C 65.05%; H 4.87%; Cl 6.86%; N 10.84%; O 12.38%

Physical Description: Pale yellow needles (MeOH)

Other Data: Mp >300°

>>Derivative: Di-Me ether

Synonym(s): Picrasidine S

CAS Registry Number: 112503-87-4

Molecular Formula: C₃₀H₂₉N₄O₄⁽⁺⁾

Molecular Weight: 509.583

Accurate Mass: 509.218881

Percentage Composition: C 70.71%; H 5.74%; N 10.99%; O 12.56%

Biological Source: Alkaloid from the root bark of *Picrasma quassioides* (Simaroubaceae)

>>Derivative: Di-Me ether, chloride

Molecular Formula: C₃₀H₂₉ClN₄O₄

Molecular Weight: 545.036

Accurate Mass: 544.187733

Percentage Composition: C 66.11%; H 5.36%; Cl 6.50%; N 10.28%; O 11.74%

Physical Description: Pale-yellow needles (MeOH)

Melting Point: Mp 215-217 dec.°

>>Derivative: Dideoxy

Synonym(s): Picrasidine G

CAS Registry Number: 112503-90-9

Molecular Formula: C₂₈H₂₅N₄O₂⁽⁺⁾

Molecular Weight: 449.531

Accurate Mass: 449.197751

Percentage Composition: C 74.81%; H 5.61%; N 12.46%; O 7.12%

Biological Source: Alkaloid from the root bark of *Picrasma quassioides* (Simaroubaceae)

UV: [neutral] λ_{max} 248 (ε 22387); 316 (ε 5754); 342 (ε 3715); 372 (ε 1996) (EtOH) (Berdy) [base] λ_{max} 240 (ε 19054); 279 (ε 28153); 328 (ε 4786); 400 (ε 1737) (EtOH-NaOH) (Berdy)