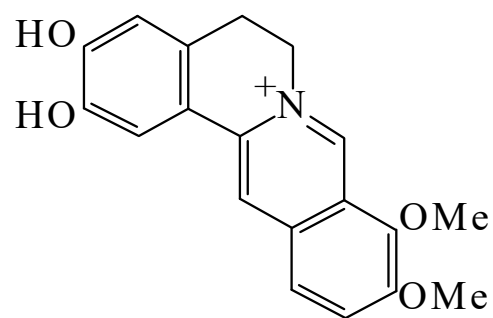




>>Entry Name: Demethyleneberberine



CAS Registry Number: 25459-91-0

Molecular Formula: C₁₉H₁₈NO₄⁽⁺⁾

Molecular Weight: 324.355

Accurate Mass: 324.123584

Percentage Composition: C 70.36%; H 5.59%; N 4.32%; O 19.73%

Biological Source: Quaternary alkaloid from the stem and roots of *Thalictrum javanicum* (Ranunculaceae)

>>Derivative: Chloride

Molecular Formula: C₁₉H₁₈ClNO₄

Molecular Weight: 359.808

Accurate Mass: 359.092436

Percentage Composition: C 63.43%; H 5.04%; Cl 9.85%; N 3.89%; O 17.79%

Melting Point: Mp 225°

Other Data: ms detd. for tetrahydro deriv.

References:

Bahadur, S. *et al.*, *J. Nat. Prod.*, 1983, **46**, 454, (*isol, uv, ir, pmr, ms, struct*)