



Accurate Mass: 395.136889
Percentage Composition: C 66.83%; H 5.35%; N 3.54%; O 24.28%
Physical Description: Noncryst.
Optical Rotation: $[\alpha]_D -313$ (c, 0.55 in CHCl_3)

>>Derivative: O^{11} -De-Me, N-Me

Synonym(s): *N*-Methylcalycinine. 11-Hydroxy-9-methoxy-1,2-methylenedioxyaporphine

CAS Registry Number: 86537-66-8
Type of Compound Code(s): VX2640
Molecular Formula: $\text{C}_{19}\text{H}_{19}\text{NO}_4$
Molecular Weight: 325.363
Accurate Mass: 325.131409
Percentage Composition: C 70.14%; H 5.89%; N 4.30%; O 19.67%
Biological Source: Trace alkaloid from the stem bark of *Duguetia obovata* (Annonaceae)
Physical Description: Noncryst.
Other Data: Negative opt. rotn. in CHCl_3

>>Derivative: O^{11} -De-Me, N-Me, 6-hydroxy
see Spixianine, [LDC82-T](#)

>>Variant: (S)-form

Molecular Formula: $\text{C}_{19}\text{H}_{19}\text{NO}_4$
Molecular Weight: 325.363
Accurate Mass: 325.131409
Percentage Composition: C 70.14%; H 5.89%; N 4.30%; O 19.67%

>>Derivative: O^{11} -De-Me

Synonym(s): Fissistigine A

CAS Registry Number: 83685-17-0
Type of Compound Code(s): VX2640
Molecular Formula: $\text{C}_{18}\text{H}_{17}\text{NO}_4$
Molecular Weight: 311.337
Accurate Mass: 311.115759
Percentage Composition: C 69.44%; H 5.50%; N 4.50%; O 20.56%
Biological Source: Alkaloid from *Fissistigma oldhamii* (Annonaceae)

References:

- Lu, S.-T. *et al.*, *Heterocycles*, 1983, **20**, 813, (uv, ir, pmr, ms, struct, Calycinine)
Roblot, F. *et al.*, *J. Nat. Prod.*, 1983, **46**, 862, (uv, ir, pmr, cmr, ms, struct, Discoguattine, Calycinine)
Xu, C. *et al.*, *Zhongcaoyao*, 1983, **14**, 148; *CA*, **99**, 19659n, (isol, uv, ir, pmr, ms, struct, Fissistigine A)
Hocquemiller, R. *et al.*, *J. Nat. Prod.*, 1984, **47**, 353, (isol, uv, ir, pmr, ms, struct, Isocalycinine)