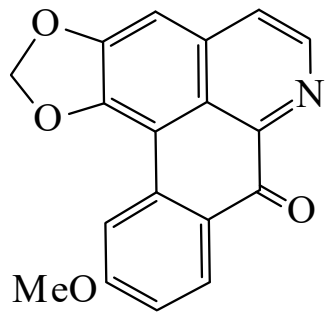
>>**Entry Name: Oxolaureline**
Synonym(s): 10-Methoxyliriodenine. Lauterine



CAS Registry Number: 28200-65-9

Molecular Formula: $C_{18}H_{11}NO_4$
Molecular Weight: 305.289
Accurate Mass: 305.068809
Percentage Composition: C 70.82%; H 3.63%; N 4.59%; O 20.96%
Biological Source: Alkaloid from the stem bark of *Guatteria elata* and *Laurelia novae-zelandiae* and from *Magnolia soulangeana* (Annonaceae, Atherospermataceae, Magnoliaceae). Also isol. from roots of *Miliusa* cf. *banacea* (Annonaceae)
Physical Description: Yellow needles ($CHCl_3$)
Melting Point: Mp 301-303 dec.°
UV: [neutral] λ_{max} 247 (); 309 (); 343 (); 405 () (MeOH) (Berdy)

>>**Derivative:** *O*-De-Me
Synonym(s): 10-Hydroxyliriodenine. Demethyloxolaureline. Demethyllauterine

CAS Registry Number: 154659-89-9

Molecular Formula: $C_{17}H_9NO_4$
Molecular Weight: 291.262
Accurate Mass: 291.053159
Percentage Composition: C 70.10%; H 3.11%; N 4.81%; O 21.97%
Biological Source: Alkaloid from roots of *Miliusa* cf. *banacea* (Annonaceae)
Physical Description: Orange amorph. solid

References:

Govindachari, T.R. *et al.*, *Indian J. Chem.*, 1970, **8**, 475, *(synth, uv)*
Ziyaev, R. *et al.*, *Khim. Prir. Soedin.*, 1975, **11**, 528; *Chem. Nat. Compd. (Engl. Transl.)*, 1975, **11**, 560, *(isol)*
Urzúa, A. *et al.*, *Heterocycles*, 1976, **4**, 1881, *(isol, ir, pmr)*
Hsu, C.C. *et al.*, *J. Nat. Prod.*, 1977, **40**, 152, *(isol, uv, ir, pmr, ms)*
Harrigan, G.G. *et al.*, *J. Nat. Prod.*, 1994, **57**, 68, *(10-Hydroxyliriodenine)*