



Molecular Formula: C₁₈H₁₅NO₄

Molecular Weight: 309.321

Accurate Mass: 309.100109

Percentage Composition: C 69.89%; H 4.89%; N 4.53%; O 20.69%

Biological Source: Alkaloid from *Piper augustum*

>>**Derivative:** Tri-Me ether

Synonym(s): 1,2,3-Trimethoxydibenz[*cd,f*]indol-4(5*H*)-one, 9Cl. **Piperolactam C**

CAS Registry Number: 116064-76-7

Molecular Formula: C₁₈H₁₅NO₄

Molecular Weight: 309.321

Accurate Mass: 309.100109

Percentage Composition: C 69.89%; H 4.89%; N 4.53%; O 20.69%

Biological Source: Alkaloid from whole plants of *Piper longum* and *Piper boehimerifolium* (Piperaceae)

Physical Description: Cryst. (C₆H₆/MeOH)

Melting Point: Mp 187-188°

References:

Sun, N.J. *et al.*, *J. Nat. Prod.*, 1987, **50**, 843, (*Goniopedaline*)

Talapatra, S.K. *et al.*, *Phytochemistry*, 1988, **27**, 903, (*Goniopedaline*)

Desai, S.J. *et al.*, *Indian J. Chem., Sect. B*, 1989, **28**, 775, (*Piperolactam C*)

Olsen, C.E. *et al.*, *Phytochemistry*, 1993, **33**, 518, (*Piperolactam B*, *Piperolactam D*)

Delgado, A.W. *et al.*, *Rev. Colomb. Quim.*, 1998, **27**, 13-21, (*N-Methylpiperolactam D*)