



>>Derivative: O^2,N -Di-Me

Synonym(s): *N*-Methylpiperolactam A

CAS Registry Number: 144549-43-9

Molecular Formula: $C_{17}H_{13}NO_3$

Molecular Weight: 279.295

Accurate Mass: 279.089544

Percentage Composition: C 73.11%; H 4.69%; N 5.02%; O 17.19%

Biological Source: Alkaloid from stems of *Piper ribesioides*

Physical Description: Amorph. solid

Melting Point: Mp 205-207°

>>Derivative: Di-Me ether

Synonym(s): Aristolactam BII. Cepharanone B. Alkaloid Y

CAS Registry Number: 53948-09-7

Molecular Formula: $C_{17}H_{13}NO_3$

Molecular Weight: 279.295

Accurate Mass: 279.089544

Percentage Composition: C 73.11%; H 4.69%; N 5.02%; O 17.19%

Biological Source: Alkaloid from the roots of *Aristolochia argentina*, bark of *Schefferomitra subaequalis*, callus tissue of *Stephania cepharantha* and stem bark of *Goniothalamus velutinus*

Physical Description: Cryst. (MeOH or Me₂CO)

Melting Point: Mp 264-265° (247-250°)

UV: [neutral] $\lambda_{\max}$ 232 (log ϵ 4.68); 264 (log ϵ 4.61); 276 (log ϵ 4.67); 287 (log ϵ 4.66); 318 (log ϵ 4.03); 384 (log ϵ 4.01) (MeOH)

References:

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Dyke, S.F. *et al.*, *Phytochemistry*, 1978, **17**, 599, (*Aristolactam BII*)
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