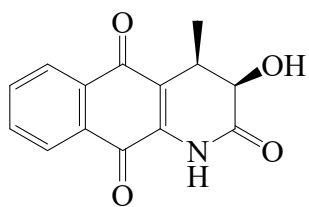




>>Entry Name: Griffithazanone A

Synonym(s): Griffiazanone A



Absolute
Configuration

CAS Registry Number: 240122-30-9

Molecular Formula: C₁₄H₁₁NO₄

Molecular Weight: 257.245

Accurate Mass: 257.068809

Percentage Composition: C 65.37%; H 4.31%; N 5.44%; O 24.88%

Biological Source: Alkaloid from the roots of *Goniothalamus griffithii*

Physical Description: Yellow needles (Me₂CO)

Melting Point: Mp 208-210°

Optical Rotation: $[\alpha]_{\text{D}}^{25} +146$ (c, 0.06 in CHCl₃)

UV: [neutral] λ_{max} 203 (log ϵ 4.07); 218 (log ϵ 4); 255 (log ϵ 4.29); 286 (log ϵ 3.99); 335 (log ϵ 3.36) (CHCl₃)

References:

Zhang, Y.J. *et al.*, *J. Nat. Prod.*, 1999, **62**, 1050-1052