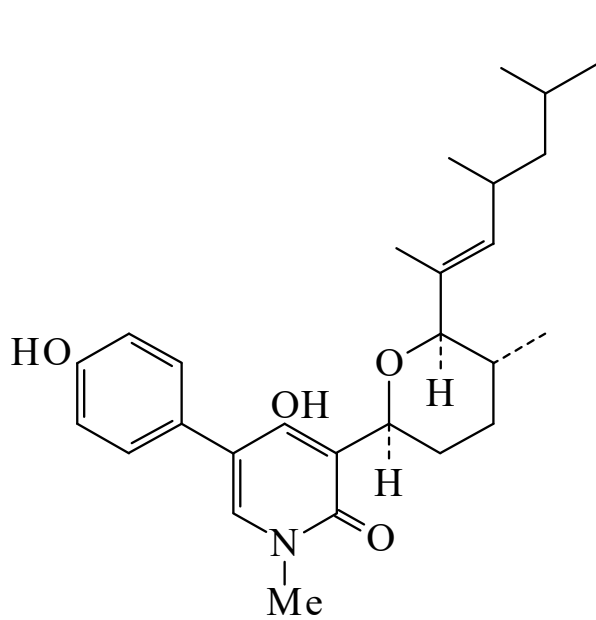




>>Entry Name: Sambutoxin, 9Cl



CAS Registry Number: 160047-56-3

Molecular Formula: C₂₈H₃₉NO₄

Molecular Weight: 453.62

Accurate Mass: 453.287909

Percentage Composition: C 74.14%; H 8.67%; N 3.09%; O 14.11%

Biological Source: Mycotoxin from the fungi *Fusarium sambucinum* and *Fusarium oxysporum*

Physical Description: Prisms (MeOH)

Melting Point: Mp 196.5-197.5°

Optical Rotation: $[\alpha]_D^{25} -200$ (c, 0.1 in MeOH)

Solubility: BERDY SOL: Sol. MeOH, toluene, C₆H₆, EtOH, butanol, EtOAc; poorly sol. H₂O, hexane

UV: [neutral] $\lambda_{\max}$ 213 (ϵ 38000); 233 (ϵ 17000); 254 (ϵ 29000) (MeOH) (Berdy)

References:

Kim, J.-C. *et al.*, *Tet. Lett.*, 1995, **36**, 1047, (*isol, uv, ir, pmr, cmr, struct*)