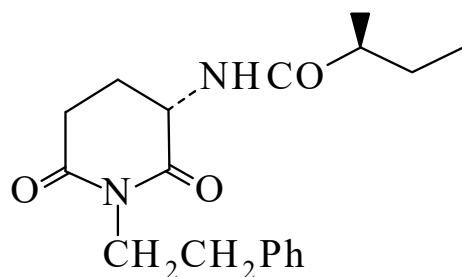




>>Entry Name: Julocrotine

Synonym(s): *N*-[2,6-Dioxo-1-(2-phenylethyl)-3-piperidiny]-2-methylbutanamide, 9Cl



Absolute
conf guration

CAS Registry Number: 492-87-5

Molecular Formula: C₁₈H₂₄N₂O₃

Molecular Weight: 316.399

Accurate Mass: 316.178693

Percentage Composition: C 68.33%; H 7.65%; N 8.85%; O 15.17%

Biological Source: Alkaloid from *Julocroton montevidensis*, *Julocroton subpannosus*, *Julocroton camporum* and *Croton membranaceus*

Melting Point: Mp 108-109°

Boiling Point: Bp_{0.25} 160-165° subl.

Optical Rotation: [α]_D -9 (c, 1.24 in CHCl₃)

References:

Anastasi, G., *An. Asoc. Quim. Argent.*, 1925, **23**, 348, (*isol*)

Nakano, T. *et al.*, *J.O.C.*, 1961, **26**, 1184, (*uv, ir, struct*)

Aboagye, F.A. *et al.*, *Fitoterapia*, 2000, **71**, 461-462, (*isol, uv, ir, pmr, cmr, ms*)