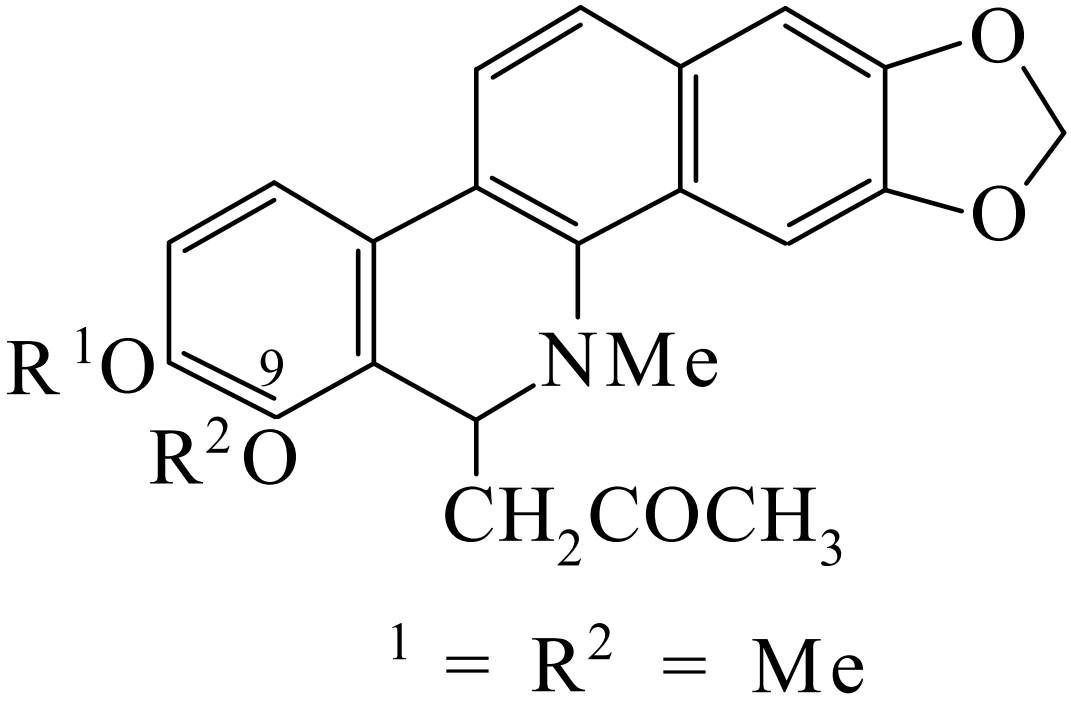
>>**Entry Name: 8-Acetonyldihydrochelerythrine**

Synonym(s): 12,13-Dihydro-1,2-dimethoxy-12-methyl-13-(2-oxopropyl)-1,3-benzodioxolo[5,6-*c*]phenanthridine, 9Cl. 13-Acetonyl-12,13-dihydrochelerythrine, 8Cl. 11-Acetonyldihydrochelerythrine. Alkaloid ZT_1. 6-Acetonyldihydrochelerythrine



CAS Registry Number: 22864-92-2

Molecular Formula: $C_{24}H_{23}NO_5$
Molecular Weight: 405.449
Accurate Mass: 405.157624
Percentage Composition: C 71.10%; H 5.72%; N 3.45%; O 19.73%

Biological Source: Alkaloid from the root bark of *Toddalia aculeata* and *Xylocarpus granatum*, and from the bark of *Zanthoxylum conspersipunctatum* and *Zanthoxylum tsihanimposa*. Also obt. by the base-catalysed addn. of acetone to Chelerythrine (Rutaceae, Meliaceae)
Physical Description: Plates (Me_2CO)
Melting Point: Mp 199° (190-192°, 194-195°)

>>**Derivative:** O^9-De-Me
Synonym(s): *O*-Desmethyldihydrochelerithrinyl-8-acetone. *O*-Desmethyldihydrochelerithrinyl-11-acetone. Alkaloid ZT_3