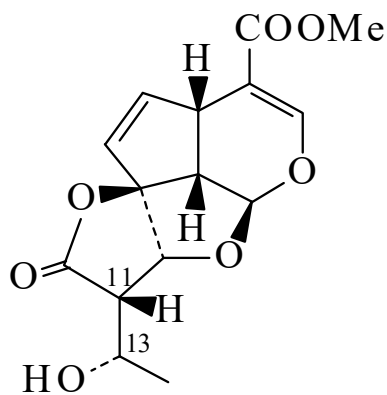




>>Entry Name: Allamandicin



CAS Registry Number: 51838-83-6

Molecular Formula: $C_{15}H_{16}O_7$

Molecular Weight: 308.287

Accurate Mass: 308.089605

Percentage Composition: C 58.44%; H 5.23%; O 36.33%

Biological Source: Constit. of *Allamanda cathartica*

Use/Importance: Antineoplastic agent

Physical Description: Cryst. (Et_2O /hexane)

Melting Point: Mp 117-118°

Optical Rotation: $[\alpha]_D^{21} +293$ (c, 0.42 in $CHCl_3$)

Calculated Log P Data: Log P -1.57 (uncertain value) (calc)

>>Derivative: 11,13-Diepimer

Synonym(s): Isoallamandicin

CAS Registry Number: 93452-27-8

Molecular Formula: $C_{15}H_{16}O_7$

Molecular Weight: 308.287

Accurate Mass: 308.089605

Percentage Composition: C 58.44%; H 5.23%; O 36.33%

Biological Source: Constit. of *Allamanda neriifolia*

Physical Description: Prisms (MeOH)

Melting Point: Mp 170-173°

Optical Rotation: $[\alpha]_D^{18} +187.5$ (c, 0.16 in MeOH)

References:

Kupchan, S.M. *et al.*, *J.O.C.*, 1974, **39**, 2477, (*isol, struct*)

Abe, F. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 2947, (*isol, deriv*)