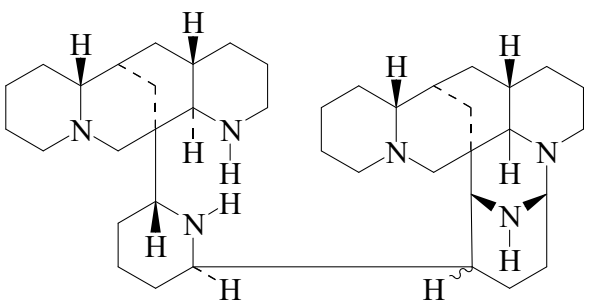
>>**Entry Name: Ormosinine**
Synonym(s): 21-Ormosanin-20-ylpanamine, 9Cl



Absolute Configuration

CAS Registry Number: 14350-67-5

Molecular Formula: $C_{40}H_{66}N_6$
Molecular Weight: 631.002
Accurate Mass: 630.534894
Percentage Composition: C 76.14%; H 10.54%; N 13.32%

Physical Description: Needles (EtOAc)
Melting Point: Mp 219-220° (203-205°)
Optical Rotation: $[\alpha]_D^{25}$+8.9 ($CHCl_3$)
Other Data: Forms CGM13-X on subl.

>>**Derivative:** Dipicrate

Melting Point: Mp 146-148°
Other Data: Could not be recryst.

>>**Derivative:** Stereoisomer
Synonym(s): Ormojine

CAS Registry Number: 11004-95-8

Molecular Formula: $C_{40}H_{66}N_6$
Molecular Weight: 631.002
Accurate Mass: 630.534894
Percentage Composition: C 76.14%; H 10.54%; N 13.32%
Biological Source: Alkaloid from *Ormosia jamaicensis* (Leguminosae)
Melting Point: Mp 154-155°
Optical Rotation: $[\alpha]_D^{20}$+24 (c, 1.46 in EtOH)
Other Data: Of unknown stereochem.; dimer of CGM72-O

References:

Hess, K. *et al.*, *Ber.*, 1919, **52**, 1976, *(isol)*
Lloyd, H.A. *et al.*, *J.A.C.S.*, 1958, **80**, 1506, *(isol)*
Hassall, C.H. *et al.*, *J.C.S.*, 1964, 2657, *(isol, Ormojine)*
Deslongchamps, P. *et al.*, *Can. J. Chem.*, 1966, **44**, 2539
Davies, A.P. *et al.*, *Tet. Lett.*, 1966, 6291, *(struct, Ormojine)*
Bhacca, N.S. *et al.*, *J.A.C.S.*, 1983, **105**, 2538, *(cmr, pmr, struct)*

https://www.baizuoyan.com - CopyRight ©baizuoyan