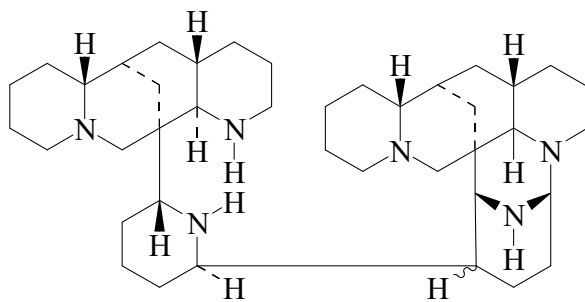




>>Entry Name: Ormosinine

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: $[\alpha]_D^{25} +8.9$ (CHCl₃)

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*)