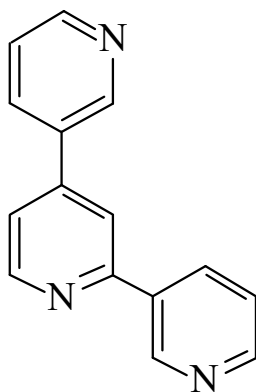




>>Entry Name: 3,2':4',3''-Terpyridine, 9Cl, 8Cl

Synonym(s): Nicotelline



CAS Registry Number: 494-04-2

Molecular Formula: C₁₅H₁₁N₃

Molecular Weight: 233.272

Accurate Mass: 233.095297

Percentage Composition: C 77.23%; H 4.75%; N 18.01%

Biological Source: Alkaloid from tobacco (*Nicotiana tabacum*)(Solanaceae)

Physical Description: Needles (petrol)

Melting Point: Mp 147-148°

Other Data: Originally considered to be C₁₀H₈N₂. Kuffner *et al* (1956) initially proposed an isomeric struct.

>>Derivative: Picrate

Melting Point: Mp 216-217°

>>Derivative: 1-*N*-Oxide

CAS Registry Number: 172424-37-2

Melting Point: Mp 200° (min.)

References:

Pictet, A. *et al.*, *Ber.*, 1901, **34**, 696, (*isol*)

Thesing, J. *et al.*, *Chem. Ber.*, 1957, **90**, 711, (*synth*)

Yamamoto, Y. *et al.*, *Synthesis*, 1986, 564, (*synth*)

Zoltewicz, J.A. *et al.*, *Tetrahedron*, 1995, **51**, 11393, (*synth*, *N-oxide*, *pmr*)

Yamamoto, Y. *et al.*, *Heterocycles*, 1996, **42**, 189, (*synth*, *ir*, *pmr*)