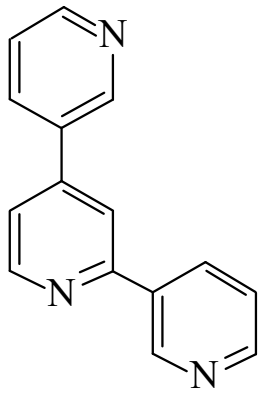
>>**Entry Name: 3,2':4',3''-Terpyridine,** 9Cl, 8Cl
Synonym(s): Nicotelline



CAS Registry Number: 494-04-2

Molecular Formula: $C_{15}H_{11}N_3$
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 $C_{10}H_8N_2$. 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)*

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