



>>Entry Name: 6,6'-Dimethyl-2,2'-bipyridine, 9Cl

Synonym(s): 6,6'-Bi-2-picoline, 8Cl

CAS Registry Number: 4411-80-7

Structure by analogy with 2,2'-Dimethyl-4,4'-bipyridine, [GZV33-R](#)

Molecular Formula: C₁₂H₁₂N₂

Molecular Weight: 184.24

Accurate Mass: 184.100048

Percentage Composition: C 78.23%; H 6.56%; N 15.20%

Physical Description: Cryst. (petrol)

Melting Point: Mp 89-90°

Rare Chemicals Library: S88809-5

>>Derivative: Picrate

Melting Point: Mp 170-171°

References:

Kauffmann, T. *et al.*, *Chem. Ber.*, 1976, **109**, 3864-3868, (*synth*)

Marker, A. *et al.*, *Aust. J. Chem.*, 1978, **31**, 1255-1263, (*cmr*)

Rode, T. *et al.*, *Synthesis*, 1987, 574-575, (*synth, pmr, cmr*)

Vögtle, F. *et al.*, *Chem. Ber.*, 1990, **123**, 2181-2185, (*synth, pmr*)

Laitinen, R.H. *et al.*, *Acta Chem. Scand.*, 1997, **51**, 462-469, (*synth*)

Sengül, A. *et al.*, *Acta Cryst. C*, 1998, **54**, 661-662, (*synth, pmr, cryst struct*)

Shaul, M. *et al.*, *J.O.C.*, 1999, **64**, 9358-9364, (*synth, pmr*)