



>>Entry Name: 5,5-Dimethyl-2,2'-bipyridine, 9CI

Synonym(s): 6,6'-Bi-3-picoline, 8CI

CAS Registry Number: 1762-34-1

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. (EtOAc)

Melting Point: Mp 114.5-115°

References:

Org. Synth., 1966, **46**, 5, (*synth*)

Spotswood, T.Mc.L. *et al.*, *Aust. J. Chem.*, 1967, **20**, 1227, (*nmr*)

Haginiwa, J. *et al.*, *Yakugaku Zasshi*, 1973, **93**, 144, (*synth*)

Ebmeyer, F. *et al.*, *Chem. Ber.*, 1989, **122**, 1725, (*synth*, *pmr*)

Polin, J. *et al.*, *Synthesis*, 1998, 321-324, (*synth*, *ir*)

Schubert, U.S. *et al.*, *Synthesis*, 1999, 779-782, (*synth*, *pmr*, *cmr*)