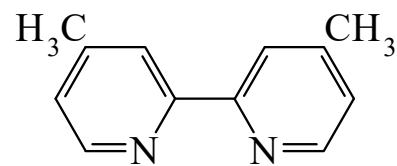




>>Entry Name: 4,4'-Dimethyl-2,2'-bipyridine, 9Cl

Synonym(s): 2,2'-Bi-4-picoline, 8Cl



CAS Registry Number: 1134-35-6

Type of Compound Code(s): PA5010 PM6150 PS8300

Molecular Formula:  $C_{12}H_{12}N_2$

Molecular Weight: 184.24

Accurate Mass: 184.100048

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

Use/Importance: Used in photometric detn. of Fe(II), Cu(I), Co, Ni; pptn. of  $Zn(SCN)_4^{2-}$ ,  $Cd(SCN)_4^{2-}$

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 175-179°

Aldrich: 24573-9

Fluka: 40220

>>Derivative: *N,N'*-Dioxide

CAS Registry Number: 87855-83-2

Molecular Formula:  $C_{12}H_{12}N_2O_2$

Molecular Weight: 216.239

Accurate Mass: 216.089878

Percentage Composition: C 66.65%; H 5.59%; N 12.95%; O 14.80%

Physical Description: Needles (MeOH/Me<sub>2</sub>CO)

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