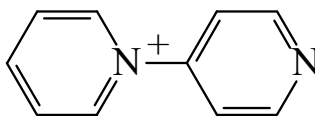




>>Entry Name: 1,4'-Bipyridinium(1+), 9Cl

Synonym(s): 1-(4-Pyridyl)pyridinium



CAS Registry Number: 16077-77-3

Related CAS Registry Numbers(s): 5421-92-1

Molecular Formula: $C_{10}H_9N_2^{(+)}$

Molecular Weight: 157.194

Accurate Mass: 157.076573

Percentage Composition: C 76.41%; H 5.77%; N 17.82%

>>Derivative: Chloride

CAS Registry Number: 22752-98-3

Molecular Formula: $C_{10}H_9ClN_2$

Molecular Weight: 192.647

Accurate Mass: 192.045425

Percentage Composition: C 62.35%; H 4.71%; Cl 18.40%; N 14.54%

Physical Description: Cryst. (EtOH) (as hydrochloride)

Melting Point: Mp 172-173° (hydrochloride)

Rare Chemicals Library: S42886-8

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 737D, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 617D, (*ir*)

Boduszek, B. *et al.*, *Monatsh. Chem.*, 1980, **111**, 1111, (*synth, pmr*)