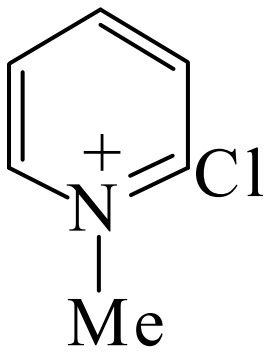
>>**Entry Name: 2-Chloro-1-methylpyridinium(1+)**



Molecular Formula: $C_6H_7ClN^{(+)}$
Molecular Weight: 128.581
Accurate Mass: 128.026701
Percentage Composition: C 56.05%; H 5.49%; Cl 27.57%; N 10.89%

>>**Derivative:** Iodide
Synonym(s): Mukaiyama's reagent

CAS Registry Number: 14338-32-0

Molecular Formula: C_6H_7ClIN
Molecular Weight: 255.485
Accurate Mass: 254.931174
Percentage Composition: C 28.21%; H 2.76%; Cl 13.88%; I 49.67%; N 5.48%
Use/Importance: Mediates a large number of synthetically useful transformations (in the presence of base) particularly of carboxylic acids. Also acts as a thiol detecting agent and a probe for studying protein functions
Physical Description: Hygroscopic yellow cryst. (Me_2CO)
Melting Point: Mp 204-206°
Aldrich: 19800-5
Fluka: 25270
Sigma: C8766

References:

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