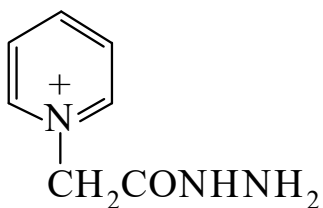




>>Entry Name: Girard's reagent P

Synonym(s): 1-(2-Hydrazino-2-oxoethyl)pyridinium(1+), 9Cl



Molecular Formula: $\text{C}_7\text{H}_{10}\text{N}_3\text{O}^{(+)}$

Molecular Weight: 152.176

Accurate Mass: 152.082387

Percentage Composition: C 55.25%; H 6.62%; N 27.61%; O 10.51%

Physical Description: Reagent for water solubilisation of carbonyl compds., esp. steroids

>>Derivative: Chloride

CAS Registry Number: 1126-58-5

Molecular Formula: $\text{C}_7\text{H}_{10}\text{ClN}_3\text{O}$

Molecular Weight: 187.628

Accurate Mass: 187.051239

Percentage Composition: C 44.81%; H 5.37%; Cl 18.90%; N 22.40%; O 8.53%

Other Data: Dec. at 200°

Aldrich: 12451-6

Sigma: C6513

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 337C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 796A, (ir)

Girard, A. *et al.*, *Helv. Chim. Acta*, 1936, **19**, 1095

Wheeler, O.H., *Chem. Ber.*, 1962, **62**, 205, (rev)

Wheeler, O.H., *J. Chem. Educ.*, 1968, **45**, 435, (rev)