



>>Entry Name: Potassium phosphinate, 9CI

Synonym(s): Potassium hypophosphite

CAS Registry Number: 7782-87-8

KH_2PO_2

Molecular Formula: $\text{H}_2\text{KO}_2\text{P}$

Molecular Weight: 104.087

Accurate Mass: 103.942949

Percentage Composition: H 1.94%; K 37.56%; O 30.74%; P 29.76%

Source/Synthesis: Synth. from the Ba salt + K_2SO_4

Physical Description: Deliquescent cryst.

References:

Wurtz, A., *Annalen*, 1846, **58**, 51, (*synth*)

Von Wazer, J.R. *et al.*, *J.A.C.S.*, 1956, **78**, 5715-5726, (*nmr*)

Ziomek, J.S. *et al.*, *J. Mol. Spectrosc.*, 1962, **8**, 212-221, (*ir, Raman*)

Lovejoy, R.W. *et al.*, *J. Phys. Chem.*, 1964, **68**, 544-550, (*ir*)