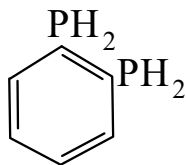




>>Entry Name: 1,2-Diphosphinobenzene

Synonym(s): 1,2-Phenylenebisphosphine, 9CI



CAS Registry Number: 80510-04-9

Related CAS Registry Numbers(s): 81510-38-5 101220-52-4

Type of Compound Code(s): AC0100

Molecular Formula: C₆H₈P₂

Molecular Weight: 142.077

Accurate Mass: 142.010124

Percentage Composition: C 50.72%; H 5.68%; P 43.60%

Physical Description: Air-sensitive liq.

Boiling Point: Bp_{3,5} 71-73°

Aldrich: 45033-2

>>Derivative: Di-Na salt

CAS Registry Number: 81510-32-9

Physical Description: Orange cryst.

References:

Issleib, K. *et al.*, *Tet. Lett.*, 1981, **22**, 4475, (*synth, mono-Na salt, cmr, P-31 nmr*)

Kyba, E.P. *et al.*, *Organometallics*, 1983, **2**, 1877, (*synth, props, P-31 nmr*)

Issleib, K. *et al.*, *Z. Anorg. Allg. Chem.*, 1984, **519**, 75, (*synth, P-31 nmr, reactions, di-Na salt*)

Woerz, H.J. *et al.*, *Z. Naturforsch., B*, 1984, **39**, 1706, (*synth, pmr, P-31 nmr*)

Zschunke, A. *et al.*, *Z. Anorg. Allg. Chem.*, 1985, **525**, 35, (*cmr, P-31 nmr, di-Li salt, Li-7 nmr*)