



>>Entry Name: Azidotriphenylmethane, 8Cl

Synonym(s): 1,1',1''-(Azidomethyldiyl)trisbenzene, 9Cl. Triphenylmethyl azide

CAS Registry Number: 14309-25-2

Ph_3CN_3

Molecular Formula: $\text{C}_{19}\text{H}_{15}\text{N}_3$

Molecular Weight: 285.348

Accurate Mass: 285.126597

Percentage Composition: C 79.98%; H 5.30%; N 14.73%

Physical Description: Cryst. (hexane)

Melting Point: Mp 64-65°

References:

Wieland, H., *Ber.*, 1909, **42**, 3020-3030, (*synth*)

Saunders, W.H. *et al.*, *J.A.C.S.*, 1958, **80**, 3328-3332, (*synth*)

Preston, P.N. *et al.*, *Spectrochim. Acta A*, 1972, **28**, 197-210, (*pmr*)

Abramovitch, R.A. *et al.*, *J.A.C.S.*, 1974, **96**, 480-488, (*ms*)

Floriani, C. *et al.*, *Chem. Eur. J.*, 1999, **5**, 708-721, (*synth, ir, pmr*)