



>>Entry Name: Tridecylbenzene, 9CI

Synonym(s): 1-Phenyltridecane, 8CI

CAS Registry Number: 123-02-4

Related CAS Registry Numbers(s): 30901-78-1

$\text{Ph}(\text{CH}_2)_{12}\text{CH}_3$

Molecular Formula: $\text{C}_{19}\text{H}_{32}$

Molecular Weight: 260.462

Accurate Mass: 260.2504

Percentage Composition: C 87.62%; H 12.38%

Biological Source: Constit. of the leaves of *Azadirachta indica*

Physical Description: Creamish cryst.

Boiling Point: Bp_{10} 189°

Aldrich: 11324-7

References:

Ziegler, K. *et al.*, *Annalen*, 1934, **511**, 13-44

Sadykhov, K.I. *et al.*, *Azerb. Khim. Zh.*, 1980, 69-72; *CA*, **95**, 80369b, (*synth*)

Daishima, S. *et al.*, *Shitsuryo Bunseki*, 1982, **30**, 249-256; *CA*, **98**, 125204z, (*ms*)

Yaws, C.L. *et al.*, *Hydrocarbon Process. Int. Ed.*, 1989, **68**, 61-64; 1990, **69**, 87-90, (*phys props*)

U.S. Pat., 1991, 5 055 626; *CA*, **116**, 24537v, (*manuf*)

Schulz, C. *et al.*, *Anal. Chem.*, 1993, **65**, 1426-1430, (*ms*)

Pilcher, A.S. *et al.*, *J.O.C.*, 1996, **61**, 6901-6905, (*synth, pmr, cmr*)

Sharma, V. *et al.*, *Phytochemistry*, 1998, **49**, 2121-2123, (*isol, pmr, ms*)