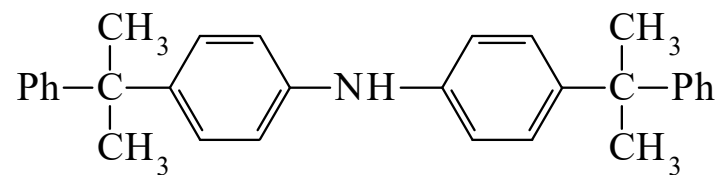




>>Entry Name: 4,4'-Bis(α,α -dimethylbenzyl)diphenylamine, 8Cl

Synonym(s): 4-(1-Methyl-1-phenylethyl)-*N*-[4-(1-methyl-1-phenylethyl)phenyl]benzenamine, 9Cl. Naugard 445. Nocrac CD



CAS Registry Number: 10081-67-1

Molecular Formula: C₃₀H₃₁N

Molecular Weight: 405.582

Accurate Mass: 405.245649

Percentage Composition: C 88.84%; H 7.70%; N 3.45%

Use/Importance: Antioxidant used in manuf. of polymers

Physical Description: Cryst. (hexane)

Melting Point: Mp 99-100°

References:

Fr. Pat., 1967, 1 472 132; *CA*, **68**, 95483a, (*synth*)

U.S. Pat., 1968, 3 406 222; *CA*, **70**, 4991s, (*use*)

U.K. Pat., 1968, 1 112 784; *CA*, **69**, 18819h, (*use*)

U.S. Pat., 1969, 3 452 056; *CA*, **71**, 40007e, (*synth, use*)