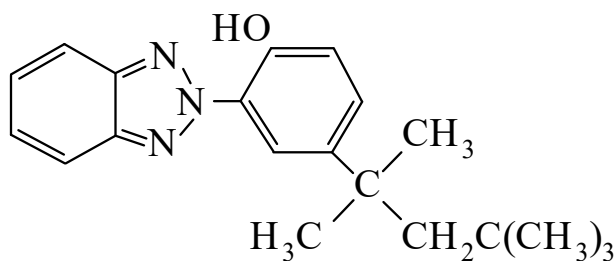




>>Entry Name: Octrizole, INN, USAN

Synonym(s): 2-(2*H*-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol, 9Cl, 8Cl. Cyasorb 5411. Spectra-Sorb UV 5411. Viosorb 583



CAS Registry Number: 3147-75-9

Molecular Formula: C₂₀H₂₅N₃O

Molecular Weight: 323.437

Accurate Mass: 323.199762

Percentage Composition: C 74.27%; H 7.79%; N 12.99%; O 4.95%

Use/Importance: UV screen, light stabiliser for polymers

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 104-105°

Calculated Log P Data: Log P 7.74 (uncertain value) (calc)

Aldrich: 32280-6

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 190A, (*nmr*)

U.S. Pat., 1966, *American Cyanamid*, 3 230 194; *CA*, **64**, 11402, (*synth, use*)

Rosevear, J. *et al.*, *Aust. J. Chem.*, 1985, **38**, 1163, (*synth*)

Monteiro, M. *et al.*, *Food Addit. Contam.*, 1996, **13**, 575, (*hplc*)