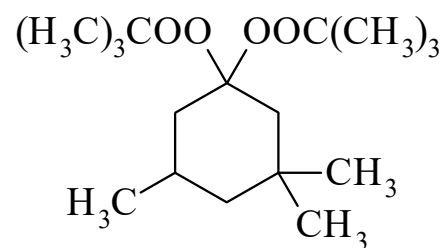




>>Entry Name: 1,1-Bis(*tert*-butylperoxy)-3,3,5-trimethylcyclohexane

Synonym(s): (3,3,5-Trimethylcyclohexylidene)bis[(1,1-dimethylethyl)peroxide], 9CI



CAS Registry Number: 6731-36-8

Molecular Formula: C₁₇H₃₄O₄

Molecular Weight: 302.453

Accurate Mass: 302.24571

Percentage Composition: C 67.51%; H 11.33%; O 21.16%

Use/Importance: Cross-linking agent. Polym. initiator

Physical Description: Liq.

Density: d²⁰ 0.906

Refractive Index: n_D²⁰ 1.4410

Aldrich: 38808-4

References:

Japan. Pat., 1974, 74 110 617; *CA*, **82**, 155350f, (*synth*)

Matsuyama, K. *et al.*, *J.O.C.*, 1993, **58**, 1766, (*ir, pmr*)