



>>Entry Name: **3,5-Di-*tert*-butylbenzoic acid**

Synonym(s): 3,5-Bis(1,1-dimethylethyl)benzoic acid, 9CI

CAS Registry Number: 16225-26-6

Molecular Formula: C₁₅H₂₂O₂

Molecular Weight: 234.338

Accurate Mass: 234.16198

Percentage Composition: C 76.88%; H 9.46%; O 13.66%

Use/Importance: Used in alkyd resins

Physical Description: Cryst. (EtOH)

Melting Point: Mp 171.5-172.5°

Aldrich: 27302-3

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1136A, (*nmr*)

Florencio, F. *et al.*, *Acta Cryst. B*, 1976, **32**, 2480, (*cryst struct*)

Voelter, W. *et al.*, *Annalen*, 1983, 248, (*synth, bibl*)

Katsumi, J. *et al.*, *Chem. Pharm. Bull.*, 1986, **34**, 121, (*synth, pmr*)