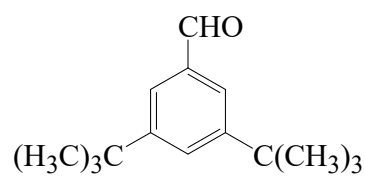




>>Entry Name: 3,5-Di-*tert*-butylbenzaldehyde

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



CAS Registry Number: 17610-00-3

Molecular Formula: C₁₅H₂₂O

Molecular Weight: 218.338

Accurate Mass: 218.167065

Percentage Composition: C 82.52%; H 10.16%; O 7.33%

Physical Description: Cryst. (petrol or EtOH aq.)

Melting Point: Mp 84-85°

Rare Chemicals Library: S66288-7

>>Derivative: Oxime, *O*-Me

CAS Registry Number: 184003-54-1

Molecular Formula: C₁₆H₂₅NO

Molecular Weight: 247.38

Accurate Mass: 247.193614

Percentage Composition: C 77.68%; H 10.19%; N 5.66%; O 6.47%

Physical Description: Solid

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Red needles

Melting Point: Mp 211-212°

References:

Schubert, W.M. *et al.*, *J.A.C.S.*, 1960, **82**, 6188-6193, (*synth*)

Newman, M.S. *et al.*, *J.O.C.*, 1972, **37**, 4468-4469, (*synth*)

Wrigglesworth, R. *et al.*, *J. Med. Chem.*, 1996, **39**, 4942-4951, (*synth, oxime, pmr*)