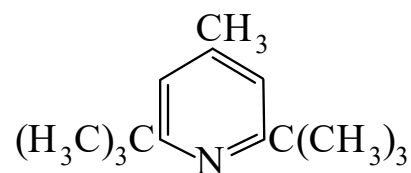




>>Entry Name: 2,6-Di-*tert*-butyl-4-methylpyridine

Synonym(s): 2,6-Bis(1,1-dimethylethyl)-4-methylpyridine, 9CI



CAS Registry Number: 38222-83-2

Molecular Formula: C₁₄H₂₃N

Molecular Weight: 205.342

Accurate Mass: 205.183049

Percentage Composition: C 81.89%; H 11.29%; N 6.82%

Use/Importance: Hindered nonnucleophilic base. Interacts with protonic (Bronsted) but not Lewis acids. Used in vinyl triflate alkylation of arenes and as a proton scavenger. Catalyst for synth. of vinyl triflates from carbonyl compds.

Melting Point: Mp 31-32°

Boiling Point: Bp₉₅ 148-153°

Aldrich: 24950-5

Fluka: 34775

Rare Chemicals Library: S64349-1

Sigma: D8522

References:

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