



Diethyl 1,4-dihydro-2,6-dimethyl-4-phenylpyridine-3,5-dicarboxylate

Zabi M, 2018

Department of Chemistry | Government Science College, Bangalore

Field strength: 400 MHz

Why is this your favorite spectrum?

The prepared molecule is symmetric in nature and gives NMR peaks exactly half of the molecule. The enantiomeric proton at the junction of dihydropyridyl and phenyl rings is indistinguishable in 1H -NMR. This analysis experimentally confirmed to myself that enantiomers are indistinguishable by 1H -NMR.