

Synthesis and Structure of 2,2'-Bis(2,2,5-trimethyl-pyrrolidinyl)methane

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2,2'-Bis(1-hydroxy-2,2,5-trimethyl-pyrrolidinyl)methane, 2,2'-Bis(2,2,5-trimethyl-pyrroldinyl)methane, X-Ray Data

Reaction of 2,5,5-trimethyl- Δ^1 -pyrrolidine-N-oxide with methyl lithium yields 2,2'-bis(1-hydroxy-2,2,5-trimethyl-pyrrolidinyl)methane which is reduced by Raney nickel/hydrogen to the corresponding amine. Both molecules are present in the *meso*-configuration in the solid state. While the hydroxylamine derivative shows intermolecular O-H \cdots O bridge bonding no intermolecular N \cdots H-N interaction is observed for the amine.