Oligomeric Supersandwich Structure of a Lithium Enamino-Cyclopentadienide

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Deprotonation of 6-methyl-6-dimethylaminofulvene with a lithium amide base gave lithium (1-dimethylamino-ethenyl)cyclopentadienide. In the crystal it features a close to perfect oligomeric supersandwich structure. In contrast to related (aminomethyl-Cp)Li complexes here the enamino substituent is not directly involved in the formation of the oligomeric suprastructure.

Key words: Organolithium Compound, Lithiocene, Solid State Structure, Enamine