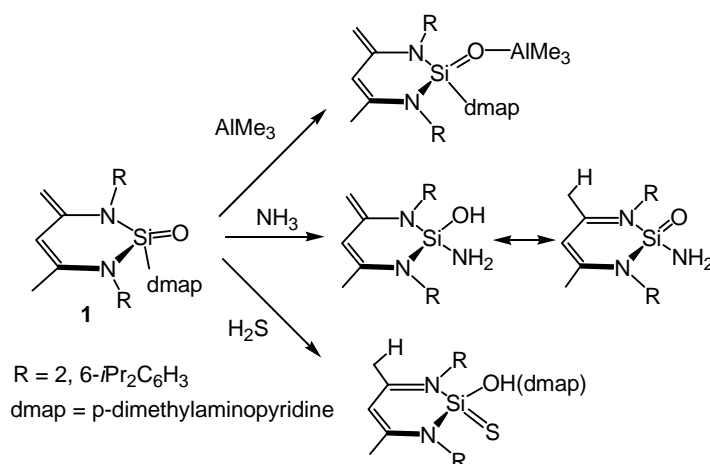


## Reactivity of a Base Stabilized Silanone Toward Lewis Bases and Acids

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Silanones, the heavier congeners of ubiquitous ketones, are elusive and have predominantly been characterised by means of spectroscopy in cryogenic argon matrices. Recently we succeeded in synthesizing a series of base stabilized silanones including the DMAP (4-DiMethylAminoPyridine) supported silanone **1** by taking advantage of kinetic protection and thermodynamic stabilization.<sup>[1-6]</sup> As a striking representative of silicone oxygen double bond containing species,<sup>[6]</sup> compound **1** undergoes addition reactions with base  $\text{NH}_3$ ,<sup>[6]</sup> acids  $\text{H}_2\text{S}$ ,<sup>[7]</sup> and  $\text{Zn}(\text{OAc})_2$ <sup>[8]</sup>. In addition, the reaction of **1** with  $\text{ZnMe}_2$  and  $\text{AlMe}_3$  furnish stable Lewis acid-base adducts. Herein, we present the facile synthesis of the DMAP supported silanone **1** and its interesting reactivity which leads to the formation of several unprecedented silicon species with functional groups.



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