



*$^{29}\text{Si}$  NMR of deuterium-scrambled disilanes*

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**Field strength:** 99.325

**Why is this your favorite spectrum?**

I think this spectrum really captures the beauty of proton/deuteron coupling, in addition to silicon coupling in disilanes. The splitting was an important bit of evidence in determining the structure of this compound. The elegance of  $^{29}\text{Si}$  NMR displays sharp resonances and crisp J-coupling. For these reasons, this is my favorite spectrum.