

Chemical structure of **1**: *(E)*-di-*tert*-butyl(hex-4-en-1-yloxy)silanol

¹H NMR spectrum (CDCl₃) showing peaks and integrations:

- Peak at ~5.4 ppm (broad, integration 2.00)
- Peak at ~3.8 ppm (sharp, integration 2.08)
- Peak at ~2.0 ppm (multiplet, integration 2.01)
- Peak at ~1.6 ppm (multiplet, integration 2.99 and 2.11)
- Peak at ~1.0 ppm (sharp, integration 18.27)