

# SUPERNOVA

*Art of the 1990s  
from the Logan Collection*

# Supernova Art Of The 1990s From The Logan Collection

**Foro Boario (Modena, Italy)**



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web nov 1 2007 the use of proton NMR to determine the equilibrium position of tautomeric 1,3-dicarbonyl compounds in various solvents has been a classic physical chemistry experiment we are presenting an expansion of the excellent description of this experiment by Garland Shoemaker and Nibler

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web using NMR spectroscopy the equilibrium values for different ketones which undergo tautomerization were found by determining relative peak values for each species the value for acetylacetone was found to be  $K_c = 6.622$  and for ethyl acetoacetate was  $K_c = 7.510$

**solved NMR determination of keto enol equilibrium constants** - Jul 19 2022

web NMR determination of keto enol equilibrium constants the NMR spectrum below is for acetylacetone with  $CDCl_3$  as solvent the photos depict the complete NMR spectrum as well more zoomed in areas of each peak demonstrate how to calculate the equilibrium constant for keto to enol conversion  $K_c$