

Über ein neues dibromphenol und ein nitroderiv at desselben.

Druck von Wilhelm Keller - DEMOKRATISCH

¹H and ¹³C NMR spectra of the product from the "Bromination of Acetanilide" Experiment
Analyze the spectra by assigning peaks to H or C in each product to the peaks in each spectrum, and attach the analyzed spectra to your lab report.
NOTE: The NMR solvent used was deuterated methanol (CD₃OD). Deuterated methanol was used as the NMR solvent because p-bromoacetanilide was not soluble in chloroform. There are three important notes related to using deuterated methanol as a solvent:
1) Due to contamination with protonated methanol (CH₃OH), you might see a singlet peak in the ¹H NMR at 3.3 ppm. You should always expect to see peaks in the ¹³C NMR for methanol at 49 ppm. Please take possible solvent peaks into consideration when assigning peaks in the spectra.
2) Because water from the atmosphere easily dissolves in methanol, we often see protons from trace amount of contaminating water at ~4.8 ppm when using deuterated methanol as the NMR solvent. Please take possible peaks from water into consideration when assigning peaks in the spectra.
3) Unlike deuterated chloroform (CDCl₃), deuterated methanol (CD₃OD) has an accessible (aka, slightly acidic) deuterium on the hydroxyl group that can exchange with other accessible protons on the product compound. Due to rapid exchange of the accessible protons with deuterium, we do not typically observe the protons on hydroxyl and amine groups in ¹H NMR spectra when using deuterated methanol as the NMR solvent. Because there is no hydroxyl or amine group in p-bromoacetanilide, you will not need to consider proton exchange with methanol in your NMR interpretation. This information is just reminder.

Description: -

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Notes: Thesis (Ph. D.)--Jena.

This edition was published in 1879



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Maier war bisher Staatssekretär im Thüringer Wirtschaftsministerium.

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Zwei von ihnen arbeiten mit OpenWRT, von denen eine ausschließlich das WLAN bedient und nicht veränderbar ist.

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Since, however, these facts cannot be accurately ascertained, except by studying whole transparent ova, the relationship of these axes still remains uncertain. John Greenleaf9781615464845 1615464840 , B.

DEMOKRATISCH

. Sodann: Jeder zeigt sich so, wie er glaubt, sich in so einem Wahlkampf zeigen zu müssen.

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Sie habe sogar schon überlegt, die Tierschutzpartei zu wählen.

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