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3-methylaniline nmr chemical book

N-methylaniline nmr. 3-methylaniline nmr. 3-methylaniline. 3-methylaniline structure.

The text describes an analysis using Gas Chromatography-Mass Spectrometry (GC/MS) to identify a chemical compound called N-ethyl-m-toluidine. The molecular ion mass of the compound was 135, and it was synthesized at a temperature of 260°C. The sample was analyzed under different conditions, including varying temperatures and energy sources. The results show a range of peaks with different intensities and frequencies, which are interpreted as the chemical structure of N-ethyl-m-toluidine. The data includes information on the atomic shifts (chemical shifts) in the compound's nuclear magnetic resonance (NMR) spectrum, which helps identify its molecular composition. The text also provides information about the equipment used for the analysis, including the GC/MS instrument and the software used to process the data. Additionally, it mentions the source of the sample and the company that provided it. DigiLab GmbH (C) 2024 Technique GC/MS John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum XW-10-1494-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum NW-2074-0-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum W5-1989-1385-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum SRH-2022-9394-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum F-54-8499-32 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum EP-7347-0-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum PR-1065-0-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum MV-1986-10-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum EK-1999-163-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum EP-3093-0-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum JZ-1992-985-0 John Wiley & Sons, Inc. All Rights Reserved. Copyright John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum SO-0-1107-0 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum F-62-6104-4 John Wiley & Sons, Inc. All Rights Reserved. Source of Spectrum ASC-359-SM27-2n Wiley-VCH GmbH. All Rights Reserved. Solvent CDCl3 2009-2025 John Wiley & Sons, Inc. All Rights Reserved. Source of Sample The Matheson Company, Inc., East Rutherford, New Jersey 2021-2025 Sigma-Aldrich Co. LLC. - Database Compilation John Wiley & Sons, Inc. All Rights Reserved. Copyright 2002-2025 John Wiley & Sons, Inc. All Rights Reserved. Solvent CCl4 1980, 1981-2025 John Wiley & Sons, Inc. All Rights Reserved. Source of Sample Eastman Organic Chemicals, Rochester, New York 2002-2025 Wiley-VCH GmbH. All Rights Reserved. Solvent CDCl3 Copyright notices for various solvents from 2002 to 2025, held by Wiley-VCH GmbH, all rights reserved. Wiley-VCH GmbH owns the copyright to this content from 2002 to 2025, with all rights reserved. The following solvents are mentioned: CH3OCH3, Benzene-D6, Neat liquid, THF, Dioxane, Acetone-D6, CDCl3, and CHCl2F. Wiley-VCH GmbH is the copyright holder for several solvents used in chemical research, including THF, Dioxane, Acetone-D6, and CDCl3. The list includes various repetitions, but only W. Robien's rights are explicitly stated for 2016-2025 for a solvent identified as CDCl3. W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent DMSO-D6 Copyright 2016-2025 W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent CDCl3 Copyright 2016-2025 W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent DMSO-D6 Copyright 2021-2025 Sigma-Aldrich Co. LLC. - Database Compilation Copyright 2021-2025 John Wiley & Sons, Inc. All Rights Reserved. Source of Sample Sigma-Aldrich Co. LLC. Source of Spectrum Sigma-Aldrich Co. LLC. Catalog Number M29304 Solvent CDCl3 Copyright 2016-2025 W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent Unknown Copyright 2016-2025 W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent DMSO-D6 Copyright 2016-2025 W. Robien, Inst. of Org. Chem., Univ. of Vienna. All Rights Reserved. Solvent CDCl3 Copyright 2002-2025 Wiley-VCH GmbH. All Rights Reserved. Solvent Neat liquid Copyright 2002-2025 Wiley-VCH GmbH. All Rights Reserved. Copyright 1980, 1981-2025 John Wiley & Sons, Inc. All Rights Reserved. Copyright 2018-2025 Sigma-Aldrich Co. LLC. - Database Compilation Copyright 2018-2025 John Wiley & Sons, Inc. All Rights Reserved. Source of Sample Aldrich Catalog Number M29304 Copyright 2017-2025 Sigma-Aldrich Co. LLC. - Database Compilation Copyright 2017-2025 John Wiley & Sons, Inc. All Rights Reserved. Catalog Number 236233 Monomethylaniline