

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-methyl-N-2-thiazolyl-; $C_{10}H_{11}N_3O_2S_2$; [51203-19-1] (2) Methane, trichloro-; $CHCl_3$; [67-66-3]	ORIGINAL MEASUREMENTS: Kitao, K.; Kubo, K.; Morishita, T.; Yata, N.; Kamada, A. <i>Chem. Pharm. Bull.</i> <u>1973</u> , <i>21</i> , 2417-26.
VARIABLES: One temperature: 37°C	PREPARED BY: R. Piekos
EXPERIMENTAL VALUES: <p style="text-align: center;">Solubility of 4-amino-N-methyl-N-2-thiazolylbenzenesulfonamide in $CHCl_3$ at 37° is 1415 mmol dm⁻³ solution.</p>	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: One ml of the sulfonamide soln in $CHCl_3$ at equilibrium was taken into a test tube. After evapn of the solvent, the residue was dissolved in EtOH, the soln was properly dild with deionized water and the concn of the sulfonamide was detd by diazotization.	SOURCE AND PURITY OF MATERIALS: The sulfonamide was synthesized by the authors. Its purity was not specified. Neither source nor purity of $CHCl_3$ was specified. ESTIMATED ERROR: Soly: not specified. Temp: ±1°C (authors). REFERENCES: