



<b>COMPONENTS:</b> (1) Benzenesulfonamide, 4-amino-N-(2,5-dimethyl-2,3-dihydroisoxazolyl)-; $C_{11}H_{13}N_3O_3S$ ; [51543-32-9] (2) Methane, trichloro-; $CHCl_3$ ; [67-66-3]	<b>ORIGINAL MEASUREMENTS:</b> Kitao, K.; Kubo, K.; Morishita, T.; Yata, N.; Kamada, A. <i>Chem. Pharm. Bull.</i> <u>1973</u> , <i>21</i> , 2417-26.
<b>VARIABLES:</b> One temperature: 37°C	<b>PREPARED BY:</b> R. Piekos
<b>EXPERIMENTAL VALUES:</b>  <p style="text-align: center;">Solubility of 4-amino-N-(2,5-dimethyl-2,3-dihydroisoxazolyl)benzene-sulfonamide in <math>CHCl_3</math> at 37°C is 29.7 mmol dm<sup>-3</sup> solution.</p>	
<b>AUXILIARY INFORMATION</b>	
<b>METHOD/APPARATUS/PROCEDURE:</b> One ml of the $CHCl_3$ soln of the sulfonamide at equilibrium was taken into a test tube. After evapn of the solvent, the residue was dissolved in 1N HCl, the soln was properly dild with deionized water, and the concn of the sulfonamide was detd by diazotization.	<b>SOURCE AND PURITY OF MATERIALS:</b> The sulfonamide was synthesized by the authors. Its purity was not specified. Neither source nor purity of the $CHCl_3$ was specified.  <b>ESTIMATED ERROR:</b> Soly: not specified. Temp: ±1°C (authors).  <b>REFERENCES:</b>