

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-(5-methyl-3-isoxazolyl)- - 1,4,7,10,13,16-hexaoxa-cyclooctadecane complex (1:1); $C_{10}H_{11}N_3O_3S \cdot C_{12}H_{24}O_6$; [65177-07-3] (2) Hydrochloric acid; HCl; [7647-01-0] (3) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Takayama, K.; Nambu, N.; Nagai, T. <i>Chem. Pharm. Bull.</i> <u>1978</u> , <i>26(10)</i> , 2965-70.								
VARIABLES: Temperature	PREPARED BY: R. Piekos								
EXPERIMENTAL VALUES: <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">$t/^\circ C$</th> <th style="text-align: center;">Saturated concentration of the complex in 0.2N HCl $10^2 M$</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">2.23</td> </tr> <tr> <td style="text-align: center;">35</td> <td style="text-align: center;">2.43</td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">2.64</td> </tr> </tbody> </table>		$t/^\circ C$	Saturated concentration of the complex in 0.2N HCl $10^2 M$	30	2.23	35	2.43	40	2.64
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AUXILIARY INFORMATION									
METHOD/APPARATUS/PROCEDURE: An excess of the complex was dissolved in 50 ml of 0.2N HCl. Sampling was done by a 1-ml pipet fitted with a G-4 glass filter. The concn of the sulfonamide in the complex was detd by uv spectrophotometry after dilg with 0.2N HCl.	SOURCE AND PURITY OF MATERIALS: The complex was prepd by sealing 5 g of the sulfonamide (Shionogi Pharmaceutical Co.) with 5.2 g of the reagent grade crown ether in a flask and stirring well for 10 days at $10^\circ C$. The complex was filtered off, washed with benzene and dried under vacuum for 24 h. Purity of the HCl soln was not specified. ESTIMATED ERROR: Nothing specified REFERENCES:								