| COMPONENTS: | ORIGINAL MEASUREMENTS: |
|---|---|
| (1) Benzenesulfonamide, 4-amino-N-2-[3-(2-hydroxyethyl)-2,3-dihydro-2-thiazolyl]-; $C_{11}H_{15}N_3O_3S_2$; [71119-27-2]<br>(2) Water; $H_2O$; [7732-18-5] | Shepherd, R. G.; Bratton, A. C.; Blanchard, K.C.; *J. Am. Chem. Soc.* 1942, *64*, 2532-7. |
| VARIABLES:<br>One temperature: 37°C | PREPARED BY:<br>R. Piekos |

EXPERIMENTAL VALUES:

Solubility of 4-amino-N-2-[3-(2-hydroxyethyl)-2,3-dihydro-2-thiazolyl]-benzenesulfonamide in water at 37°C is 169 mg% ( 5.96 x $10^{-3}$ mol $dm^{-3}$ solution, compiler ).

AUXILIARY INFORMATION

| METHOD/APPARATUS/PROCEDURE: | SOURCE AND PURITY OF MATERIALS: |
|---|---|
| The sulfonamide was assayed colorimetrically (1). No details were given. | The sulfonamide, mp 159-60°C, was synthesized by the authors. Analysis: %C 44.42 (calcd 44.13); %H 4.35 (4.38); %N 14.36 (14.04). Colorimetric factor: 0.600 (calcd 0.575).<br>Purity of the water was not specified. |
| | ESTIMATED ERROR:<br>Nothing specified. |
| | REFERENCES:<br>1. Bratton, A. C.; Marshall, E. K. Jr. *J. Biol. Chem.* 1939, *128*, 537. |