

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-(aminoiminomethyl)- monohydrate (sulfaguani- dine monohydrate); $C_7H_{10}N_4O_2S \cdot H_2O$ [6190-55-2] (2) Ethanol; C_2H_6O ; [64-17-5] (3) 1,2,3-Propanetriol; $C_3H_8O_3$; [56-81-5] (4) Urea; CH_4N_2O ; [57-13-6] (5) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Dolique, R.; Foucault, J. <i>Trav. soc. pharm. Montpellier</i> <u>1952</u> , 12, 145-53
VARIABLES: One temperature: 26-28°C	PREPARED BY: R. Piekos
EXPERIMENTAL VALUES: <p>Solubility of sulfaguani- dine monohydrate at 26-28°C in a saturated solution of urea in a mixture of 1,2,3-propanetriol and 95° ethanol (2:1 by wt), containing 54.5 g of urea per 100 g of the mixture, is 6.26% (0.287 mol kg⁻¹ solvent, compiler).</p>	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: <p>The sulfaguani- dine monohydrate was detd by diazotization of the amine group in a cold acidified 0.1N KNO_2 soln. An excess of KNO_2 was detected by using iodinated starch.</p>	SOURCE AND PURITY OF MATERIALS: <p>Nothing specified.</p> <hr/> ESTIMATED ERROR: <p>Nothing specified.</p> <hr/> REFERENCES:

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-(aminoiminomethyl)- monohydrate (sulfaguanidine monohydrate); $C_7H_{10}N_4O_2S \cdot H_2O$; [6190-55-2] (2) Ethanol; C_2H_6O ; [64-17-5] (3) 1,2,3-Propanetriol; $C_3H_8O_3$; [56-81-5] (4) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Dolique, R.; Foucault, J. <i>Trav. soc. pharm. Montpellier</i> <u>1952</u> , 12, 145-53.
VARIABLES: One temperature: 26-28°C	PREPARED BY: R. Piekos
EXPERIMENTAL VALUES: <p>Solubility of sulfaguanidine monohydrate in a mixture of 1,2,3-propanetriol and 95° ethanol (2:1 by wt) at 26-28°C is 4.33% (0.195 mol kg⁻¹ solvent, compiler).</p>	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: <p>The sulfaguanidine monohydrate content was detd by diazotization of the amine group in a cold acidified 0.1N KNO₂ soln. An excess of KNO₂ was detected by using iodinated starch.</p>	SOURCE AND PURITY OF MATERIALS: Nothing specified. ESTIMATED ERROR: Nothing specified. REFERENCES: