

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-(3-methyl-1-phenyl-1H-pyrazol-5-yl)-(sulfamethylphenazole); $C_{16}H_{16}N_4O_2S$; [852-19-7] (2) Phosphoric acid, disodium salt; Na_2HPO_4 ; [7558-94-4] (3) Phosphoric acid, monopotassium salt; KH_2PO_4 ; [7778-77-0] (4) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Riess, W. <i>Intern. Congr. Chemotherapy, Proc. 3rd, Stuttgart 1963, 1, 627-32</i>
VARIABLES: One temperature: 20°C; one pH: 7.4	PREPARED BY: R. Piekos
EXPERIMENTAL VALUES: Solubility of sulfamethylphenazole in a M/15 Sørensen buffer solution (pH 7.4) at 20°C is 63 mg% (2.0×10^{-3} mol dm^{-3} solution, compiler).	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: Sørensen buffer solns of pH varying between 7 and 8 were prepd, satd with sulfamethylphenazole at 20°C, their pH was measured at equilibrium, and the sulfamethylphenazole was assayed colorimetrically. The measured pH values were plotted against concn, and the soly at pH 7.4 was detd by interpolation (personal communication).	SOURCE AND PURITY OF MATERIALS: Nothing specified
	ESTIMATED ERROR: Nothing specified
	REFERENCES:

COMPONENTS: (1) Benzenesulfonamide, 4-amino-N-(3-methyl-1-phenyl-1H-pyrazol-5-yl)-(sulfamethylphenazole); $C_{16}H_{16}N_4O_2S$ [852-19-7] (2) Methane, trichloro- (chloroform); $CHCl_3$; [67-66-3]	ORIGINAL MEASUREMENTS: Riess, W. <i>Intern. Congr. Chemotherapy, Proc., 3rd, Stuttgart 1963, 1, 627-32.</i>
VARIABLES: One temperature: 20°C	PREPARED BY: R. Piekos
EXPERIMENTAL VALUES: Solubility of sulfamethylphenazole in chloroform at 20°C is 363 mg% (1.15×10^{-2} mol dm^{-3} solution, compiler).	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: Nothing specified	SOURCE AND PURITY OF MATERIALS: Nothing specified
	ESTIMATED ERROR: Nothing specified
	REFERENCES: