COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) Benzenesulfonamide, 4-amino-, benzenesulfonamide, 4-amino-N-2-thiazolyl- (molecular compound); $C_6H_8N_2O_2S \cdot C_9H_9N_3O_2S_2$; [1704-78-3] (2) Water; H_2O; [7732-18-5]	Ito, K.; Sekiguchi, K. *Chem. Pharm. Bull.* 1967, *15(4)*, 420-6.
VARIABLES: Temperature	**PREPARED BY:** R. Piekos

EXPERIMENTAL VALUES:

t/°C	Solubility	
	10^3 mol dm^{-3} solution	g dm^{-3} [a]
20	0.173	0.074
25	0.231	0.099
30	0.320	0.137
35	0.412	0.176

[a] Calculated by compiler.

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:

The earlier described method (1) was used: in a 200-ml egg-plant type flask immersed in a thermostat, an excess (0.6 and 0.8 g per 100 ml of water at expts at 20°C and 30°C, resp) of the mol compd was placed with 100 ml of distd water which was previously kept at appropriate temp. Immediately after addn of water the mixt was vigorously agitated with an elec stirrer. The soly equilibrium at 20°C and 30°C was attained after 15 and about 9 h, resp. Aliquots were withdrawn at certain time intervals with a pipet equipped with a filter and the concn of solute was detd spectrophotometrically in the uv region.

SOURCE AND PURITY OF MATERIALS:

The source and purity of the mol compd was not specified.

Distd water was used.

ESTIMATED ERROR:

Nothing specified.

REFERENCES:

1. Sekiguchi, K.; Ito, K. *Chem. Pharm. Bull.* 1965, *13(4)*, 405.