

TABLE 2
CALCULATED ACTIVATION VOLUMES

Temperature °K	Activation Volume ΔV_a , cm ³ /mole	Ratio, Activation Volume/Molar Volume
769	8.51	.454
725	8.28	.438
667	8.31	.442
625	8.14	.432
588	8.11	.431
556	8.06	.428
769*	13.0*	.715*
525*	10.4*	.572*

*Hudson and Hoffman⁶ (values for self-diffusion)