

	$H_X(298)$ [M atm ⁻¹]	$-\Delta H/R$ [K]	Reference	pK_a	Reference	α_b	Reference	$D_l(298\text{ K})$ [m ² s ⁻¹]	Reference
DMS	0.56	-4480	Campolongo et al. (1999)	-	-	0.001	Zhu et al. (2006)	1.5×10^{-5}	Saltzman et al. (1993)
DMSO	1×10^7	-2580	Campolongo et al. (1999)	-	-	0.1	Zhu et al. (2006)	1.0×10^{-5}	Zhu et al. (2003)
MSIA	1×10^8	-1760	Campolongo et al. (1999)	2.28 ^a	Wudl et al. (1967)	0.1	Zhu et al. (2006)	1.2×10^{-5}	Same as MSA
MSA	1×10^9	-1760	Campolongo et al. (1999)	-1.86 ^b	Clarke and Woodward (1966)	0.1	Zhu et al. (2006)	1.2×10^{-5}	Schweitzer et al. (1998)