

Table The first-order rate constants ($k_{\text{obs}}/\text{s}^{-1} \times 10^3$) for the isomerization of $\text{Zn}(\text{HDz})_2$ in different solvents at various temperatures and pressures

P/MPa	AcOMe			MCH				GTA			DCMP			
	298K	308K	318K	298K	308K	318K	328K	298K	308K	318K	298K	308K	318K	328K
0.1	797	1328	2729	38.4	53.5	73.6	98.3	171	360	717	2668	5438	9242	14349
30	757	1262	2619	37.4	53	72.9	97.4	128	259	572.5	1624	3689	6685	11176
60	729	1223	2477	36.5	52	71.7	95.9	96.2	196	457.6	948	2323	4570	8261
90	709	1180	2339	35.7	50.9	70.6	94.9	74	151	367.3	520	1358	2940	5738
120	695	1148	2232	34.4	50	69.8	93.1	54.2	114	291.1	294	780.8	1769	3716
150	679	1122	2123	33.5	49.1	68.8	92.1	39.6	85.4	231	171	444	1055	2289
180	664	1098	2028	32.8	48.2	67.2	90.3	28.8	63.5	182.1	110	264.3	620	1389
210	657	1076	1970	31.6	47.3	66	88.1	20.7	46.7	141.9	70.5	162.3	372	822
240	639	1051	1893	30.7	46.1	64.5	86.1	14.9	34.5	110.1	46.8	102.7	227	491.1
270	625	1026	1851	30.1	45.3	62.7	83.9	10.8	25.6	84.73	33.5	68.72	144	306.2
300	609	1004	1787	29.5	44.7	61.4	82.4	7.87	19	65.44	24.3	47.14	95.6	193.2
330	594	978	1731	29.1	44.3	59.8	80.1	5.46	14	50.81	17.5	34.55	66.6	128.2
360	581	953	1691	29.7	44.2	58.4	78.4	4.25	10.4	39.45	15.4	25.73	48.9	88.49
390	566	929	1631	29.7	44.5	57.5	76.6	3.09	7.77	31.24	13.5	19.84	36.6	63.03
420	554	902	1581	31	44.9	56.8	75.1	2.2	5.79	24.83	11.8	16.09	28.9	46.08
450	541	875	1532	31.8	45.9	56.6	74.1	1.58	4.18	19.31	10.3	13.12	22.9	35.75
480	530	851	1489	32.6	46.2	57.3	74.6	1.06	2.93	15.55	10.4	10.72	18.8	28.3
510	518	823	1446	32.6	46.5	58	74							
540	502	794	1395	33.7	46.7	58.8	73.6							
570	491	768	1354	34.7	46.4	59.5	74.4							
600	477	742	1312	35	46.1	60.5	74.9							