

Electronic Supplementary Information for Dalton Transactions

Supplementary Data

Thermodynamics and High-Pressure Kinetics of a Fast Carbon Dioxide Fixation Reaction by a (2,6-Pyridinedicarboxamidato-hydroxo)nickel(II) Complex

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Table S1.**Rate Constants for the CO₂ Uptake (k_{on}) and Decarboxylation (k_{off}) at Elevated Pressures at 223 K.**

P [MPa]	0.5	20	35	70
$k_{on} \times 10^4$ (M ⁻¹ s ⁻¹)	11.5 ± 1.0	14.1 ± 1.2	18.5 ± 0.7	25.6 ± 1.0
P [MPa]	0.1	10	40	70
$k_{off} \times 10^{-3}$ (s ⁻¹)	8.8 ± 0.7	9.93 ± 0.6	10.6 ± 0.8	12.9 ± 0.8