

Parameters	Units	Values	References
$E_{a_{\text{main}}}$	kJ mol^{-1}	20	van Iersel and Seymou (2002)
$E_{a_{\text{KM}}}$	kJ mol^{-1}	30	Davidson and Janssens (2006)
$E_{a_{\text{LM}}}$	kJ mol^{-1}	37	Wang et al. (2012)
$E_{a_{\text{LS}}}$	kJ mol^{-1}	53	Wang et al. (2012)
$E_{a_{\text{des}}}$	kJ mol^{-1}	20	Kaiser et al. (2001)
$E_{a_{\text{SA}}}$	kJ mol^{-1}	42	Assumed
$E_{a_{\text{SP}}}$	kJ mol^{-1}	52	Assumed
$E_{a_{\text{SS}}}$	kJ mol^{-1}	47	Allison et al. (2010)
$E_{a_{\text{ads}}}$	kJ mol^{-1}	5	Elshafei et al. (2009)
$E_{a_{\text{uptake}}}$	kJ mol^{-1}	47	Allison et al. (2010)
$K_{e_{\text{min}}}$	Unitless	0.1	Kaiser et al. (2014, 2015)