

Table 3. Calculated branching ratios (I) at 298 K and over the pressure range from 0.1 to 1.0 atm of the main reaction pathways for the indole + $\cdot\text{OH}/\cdot\text{Cl}$ reactions

Species	I			
	0.1 atm	0.4 atm	0.7 atm	1.0 atm
IM ₁₋₇	77.4%	77.4%	77.4%	77.4%
IM ₂₋₅	31.4%	31.4%	31.4%	31.4%
IM ₂₋₆	45.5%	45.5%	45.5%	45.5%
P ₂₋₁₀	23.1%	23.1%	23.1%	23.1%
P ₁₋₇₋₄₋₁	6.6%	6.5%	6.5%	6.5%
NO-P ₃	67.3%	67.3%	67.3%	67.3%
HO ₂ -P ₃	24.9%	24.9%	24.9%	24.9%
NO-P ₄	72.4%	72.4%	72.4%	72.4%
HO ₂ -P ₄	26.8%	26.8%	26.8%	26.8%
NO-P ₅	72.7%	72.7%	72.7%	72.7%
HO ₂ -P ₅	26.9%	26.9%	26.9%	26.9%
NO-P ₆	73.0%	73.0%	73.0%	73.0%
HO ₂ -P ₆	27.0%	27.0%	27.0%	27.0%

Table 4. Calculated branching ratios (I) at 298 K and over the energy transfer parameters from 50 to 250 cm⁻¹ of the main reaction pathways for the indole + $\cdot\text{OH}/\cdot\text{Cl}$ reactions

Species	I				
	$\Delta E_d = 50 \text{ cm}^{-1}$	$\Delta E_d = 100 \text{ cm}^{-1}$	$\Delta E_d = 150 \text{ cm}^{-1}$	$\Delta E_d = 200 \text{ cm}^{-1}$	$\Delta E_d = 250 \text{ cm}^{-1}$
IM ₁₋₇	77.4%	77.4%	77.4%	77.4%	77.4%
IM ₂₋₅	31.4%	31.4%	31.4%	31.4%	31.4%
IM ₂₋₆	45.5%	45.5%	45.5%	45.5%	45.5%
P ₂₋₁₀	23.1%	23.1%	23.1%	23.1%	23.1%
P ₁₋₇₋₄₋₁	6.5%	6.5%	6.5%	6.5%	6.5%
NO-P ₃	67.3%	67.3%	67.3%	67.3%	67.3%
HO ₂ -P ₃	24.9%	24.9%	24.9%	24.9%	24.9%
NO-P ₄	72.4%	72.4%	72.4%	72.4%	72.4%
HO ₂ -P ₄	26.8%	26.8%	26.8%	26.8%	26.8%
NO-P ₅	72.7%	72.7%	72.7%	72.7%	72.7%
HO ₂ -P ₅	26.9%	26.9%	26.9%	26.9%	26.9%
NO-P ₆	73.0%	73.0%	73.0%	73.0%	73.0%
HO ₂ -P ₆	27.0%	27.0%	27.0%	27.0%	27.0%