Table S1. Enthalpy differences (298 K, 1 atm) for single Cl+ of isatin at several positions

Species	$\Delta H^{298}~(kcal~mol^{\text{-}1})^a$	Species	$\Delta H^{298}~(kcal~mol^{\text{-}1})^a$
O + CI [†]	190.4	CI H	21.8
H CI O	23.5	H C I H	4.4
H H	0.0	N C I	23.1

 $^{^{\}rm a}$ Performed at the B3LYP/6-31++G** level, taking into account zero-point energy and thermal expansion correction. All calculations were performed with the Gaussian 98 package.

Table S2. Enthalpy differences (298 K, 1 atm) for protonation of TICA

Reaction	ΔH^{298} (kcal mol ⁻¹) ^a	
$H_3SO_4^+ + TICA \rightarrow H_2SO_4 + H-TICA^+$	-12.0	
$2 \text{ H}_2\text{SO}_4^+ + \text{TICA} \rightarrow 2 \text{ H}_2\text{SO}_4^- + \text{H}_2\text{-TICA}^{+2}$	77.6	
$3 \text{ H}_3\text{SO}_4^+ + \text{TICA} \rightarrow \text{H}_2\text{SO}_4^- + \text{H}_3 - \text{TICA}^{+3}$	235.9	

^a Performed at the B3LYP/6-31++G** level, taking into account zero-point energy and thermal expansion correction. All calculations were performed with the Gaussian 98 package.