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Supplementary Information

Table S1 Possible structures for fragments of **1** and the products of its photodecomposition, as detected by MS.

m/z	Formula	Structure
372.0	$\left[\{(\eta^6\text{-indane})\text{RuCl}\}_2(\mu\text{-2,3-dpp})\right]^{2+}$	Ru N Ru CI
888.96	$[[\{(\eta^6\text{-indane})\text{RuCI}\}_2(\mu\text{-}2,3\text{-}dpp)](\text{PF}_6)]^{+}$	Ru + (PF6)
489.01	$\left[\left(\eta^6\text{-indane}\right)\text{RuCI}(\mu\text{-}2,3\text{-dpp})\right]^{\dagger}$	Ru N N N
276.99	$\left[(\eta^6 ext{-indan}) ext{Ru}_2(\mu ext{-2,3-dpp}) ight]^{2 ext{+}}$	Ru N N Ru
227.04	$\left[(\eta^6 ext{-indan}) ext{Ru}(\mu ext{-}2,3 ext{-dpp}) ight]^{2^+}$	Ru N N