

Supplementary Information

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

<i>m/z</i>	Formula	Structure
372.0	$[\{(\eta^6\text{-indane})\text{RuCl}\}_2(\mu\text{-}2,3\text{-dpp})]^{2+}$	
888.96	$[\{(\eta^6\text{-indane})\text{RuCl}\}_2(\mu\text{-}2,3\text{-dpp})](\text{PF}_6)^+$	
489.01	$[(\eta^6\text{-indane})\text{RuCl}(\mu\text{-}2,3\text{-dpp})]^+$	
276.99	$[(\eta^6\text{-indane})\text{Ru}_2(\mu\text{-}2,3\text{-dpp})]^{2+}$	
227.04	$[(\eta^6\text{-indane})\text{Ru}(\mu\text{-}2,3\text{-dpp})]^{2+}$	