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Table 2-ESI. Γ_{XS} representation	products	corresponding	to electric	dipole	allowed
transitions in D_{2h}^{AB} symmetry. ^{a,b}	1	1 0		1	

 ${}^{a}\Gamma_{XS} = b_{1u}$ implies 1s $\bullet \pi^{*}$ transitions involving *pcm*-based π_{\perp}^{*} MOs. ${}^{b}\Gamma_{XS} = b_{2u}$ or b_{3u} implies 1s $\bullet \pi^{*}$ transitions involving Ph- and F-based π_{\parallel}^{*} .