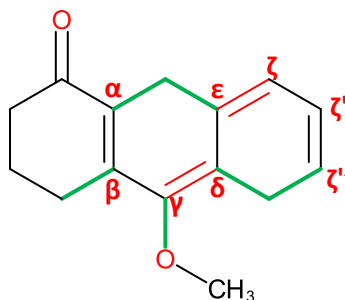


Problem#19



Woodward Component Contribution:	Contribution
Core: Cyclohexenone	215nm
Substituents:	
Substituents at α-position: alkyl	10nm
Substituents at β-position: alkyl	12nm
Substituents at γ-position: methoxy	0nm
Substituents at δ-position: alkyl	18nm
Substituents at ε-position: alkyl	18nm
Substituents at ζ'-position: alkyl	18nm
Other effects: Exocyclic Bonds 2	2 × 5 = 10nm
Extended conjugations	3 × 30nm = 90nm
Homoannular diene	39nm
Calculated λ_{max}:	430nm

preview from Notesale.co.uk
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