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| Excitation | Energy | OS | Composition |
| E1 | 6.26 | 0.1797 | HOMO->LUMO(69%),HOMO->L+2(15%) |
| E2 | 6.32 | 0.1563 | H-1->L+2(15%),HOMO->L+1(60%) |
| E3 | 6.41 | 0.1283 | HOMO->L+1(11%),HOMO->L+2(68%) |
| E4 | 6.48 | 0.0035 | H-1->LUMO(52%),H-1->L+1(35%) |
| E5 | 6.59 | 0.0303 | H-3->L+1(15%),H-2->L+1(37%), |
| E6 | 6.6 | 0.0455 | H-3->LUMO(24%),H-3->L+2(12%), |

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| E1 | 6.4 | 0.1646 | HOMO->LUMO(54%),HOMO->L+1(40%) |
| E2 | 6.48 | 0.1606 | H-1->L+1(15%),HOMO->LUMO(28%), |
| E3 | 6.61 | 0.1248 | H-1->L+1(16%),HOMO->L+2(51%) |
| E4 | 6.73 | 0.0877 | H-2->L+1(29%),H-2->L+2(13%), |
| E5 | 6.75 | 0.0189 | H-2->L+1(13%),H-1->LUMO(36%), |
| E6 | 6.79 | 0.0957 | H-2->LUMO(16%),H-1->LUMO(27%), |

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| Excitation | Energy | OS | Composition |
| E1 | 5.78 | 0.0291 | H-6->L+1(26%),H-6->L+2(13%), |
| E2 | 5.79 | 0.0395 | HOMO->LUMO(34%)H-10->L+2(4%), |
| E3 | 5.83 | 0.0013 | H-7->L+3(12%),HOMO->L+3(14%) |
| E4 | 5.88 | 0.0093 | H-10->LUMO(11%),H-8->LUMO(12%), |
| E5 | 6.23 | 0.1762 | HOMO->LUMO(31%),HOMO->L+3(12%), |
| E6 | 6.35 | 0.1905 | HOMO->L+1(49%)H-8->L+2(3%), |

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| Excitation | Energy | OS | Composition |
| E1 | 5.82 | 0.1182 | HOMO->LUMO(62%)H-13->L+1(2%), |
| E2 | 5.83 | 0.0961 | H-12->L+2(12%),HOMO->L+1(26%), |
| E3 | 5.91 | 0.0269 | H-11->L+1(13%),HOMO->L+1(20%), |
| E4 | 5.94 | 0.0017 | H-9->LUMO(42%),H-9->L+3(27%) |
| E5 | 6.11 | 0.1659 | HOMO->LUMO(17%),HOMO->L+3(27%) |
| E6 | 6.2 | 0.5062 | HOMO->L+1(14%),HOMO->L+5(32%) |