|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Compounds | Experimental | Calculated |  |  | Assignment |
|  | λ(nm) | λ(nm) | E (eV) | f |  |
| HL1 | 285 | 287 | 4.36 | 0.18 | π-π\* |
|  | 322 | 307 | 4.03 | 0.03 | n-π\* |
| HL2 | 312 | 331 | 3.73 | 0.02 | π-π\* |
|  | 362 | 364 | 2.56 | 0.06 | n-π\* |