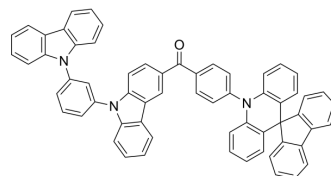


## mCP-BP-SFAC

Cat. No.:	HY-D1419
Molecular Formula:	C <sub>62</sub> H <sub>39</sub> N <sub>3</sub> O
Molecular Weight:	841.99
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

mCP-BP-SFAC is a luminogenic molecule. mCP-BP-SFAC exhibits strong sky-blue delayed fluorescence in neat films, with photoluminescence (PL) peaks at ~483 nm and delayed fluorescence lifetimes of 5.4 to 5.7  $\mu$ s<sup>[1]</sup>.

### REFERENCES

[1]. Fu Y, et al. Boosting external quantum efficiency to 38.6% of sky-blue delayed fluorescence molecules by optimizing horizontal dipole orientation. *Sci Adv.* 2021;7(43):eabj2504.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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