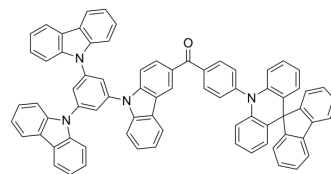


TCP-BP-SFAC

Cat. No.:	HY-D1420
Molecular Formula:	C ₇₄ H ₄₆ N ₄ O
Molecular Weight:	1007.18
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TCP-BP-SFAC is a luminogenic molecule. TCP-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 μ s^[1].

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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