



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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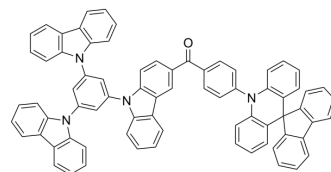
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## TCP-BP-SFAC

Cat. No.:	HY-D1420
Molecular Formula:	C <sub>74</sub> H <sub>46</sub> N <sub>4</sub> 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  $\mu$ 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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