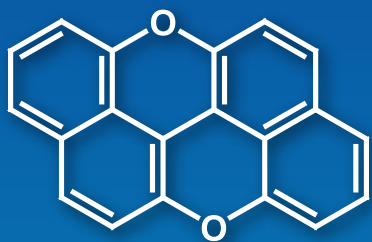


New

MATERIALS



# 有机半导体用含氧原子砌块



**peri-Xanthenoxanthene**

1g  
[X0083]

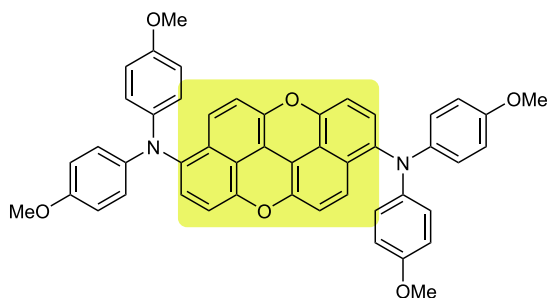


**Benzo[1,2-b;4,5-b']difuran**

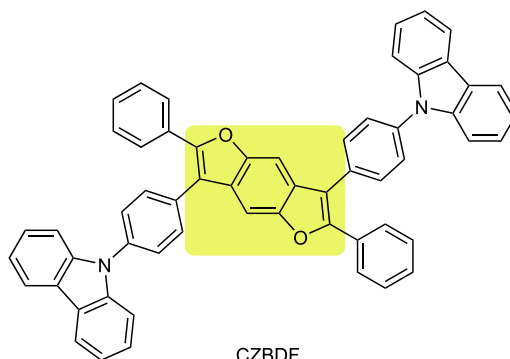
1g  
[B6233]

## 参考文献

用于钙钛矿太阳能电池的空穴传输材料<sup>1)</sup>



双极有机半导体<sup>2)</sup>



### 参考文献

- 1) A *peri*-Xanthenoxanthene Centered Columnar-Stacking Organic Semiconductor for Efficient, Photothermally Stable Perovskite Solar Cells  
N. Xu, Y. Li, R. Wu, R. Zhu, J. Zhang, S. M. Zakeeruddin, H. Li, Z. Li, M. Grätzel, P. Wang, *Chem. Eur. J.* **2019**, 25, 945.  
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- 2) Bis(carbazoyl)benzodifuran: A High-Mobility Ambipolar Material for Homojunction Organic Light-Emitting Diode Devices  
H. Tsuji, C. Mitsui, Y. Sato, E. Nakamura, *Adv. Mater.* **2009**, 21, 3776.  
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## 相关产品

**CZBDF**

1g [C2780]

**2,6-Diphenylbenzo[1,2-b;4,5-b']difuran**

200mg / 1g [D4633]

**Benzo[1,2-b;4,5-b']dithiophene**

1g / 5g [B3464]

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