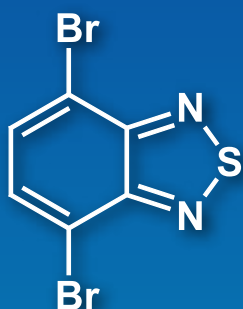
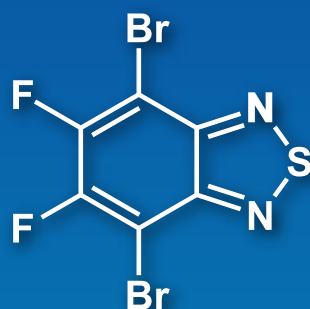


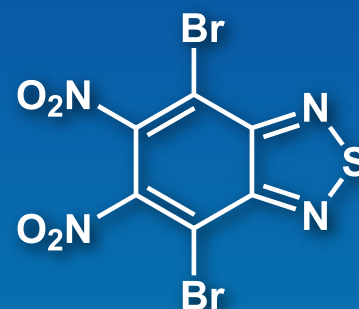
# 聚合物合成用苯并噻二唑单体



4,7-Dibromo-  
2,1,3-benzothiadiazole  
1g / 5g / 25g  
[D3842]



4,7-Dibromo-5,6-difluoro-  
2,1,3-benzothiadiazole  
200mg  
[D4734]



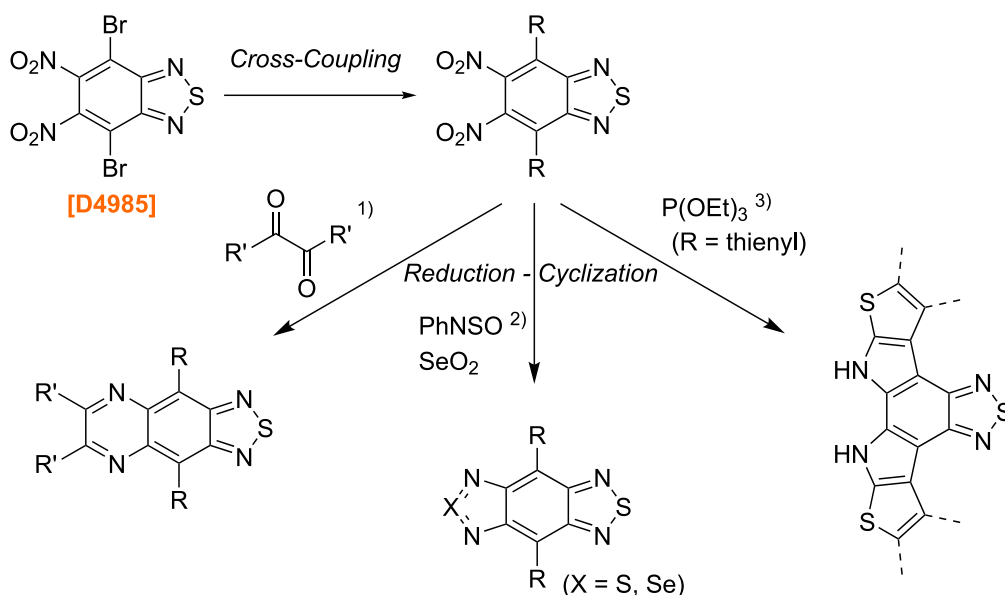
4,7-Dibromo-5,6-dinitro-  
2,1,3-benzothiadiazole  
1g / 5g  
[D4985] **New**

## 优势

- 具有高吸电子性能的实用受体单元
- 二溴结构可进行交叉偶联反应，用以引入苯并噻二唑单元

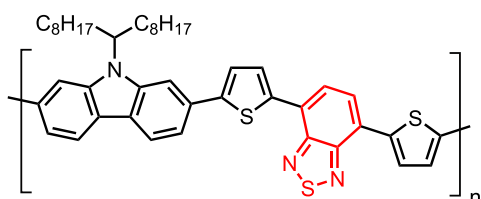
## 应用

### π共轭扩大



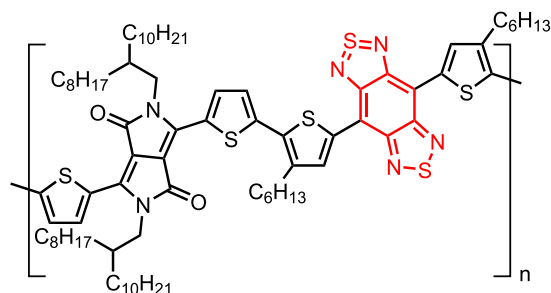
# 聚合物合成用苯并噻二唑单体

## 合成聚合物实例



**PCDTBT**<sup>4)</sup>

$E_g$  1.88 eV  
HOMO -5.50 eV  
LUMO -3.60 eV



**PBT6-DPP**<sup>5)</sup>

$E_g$  0.65 eV  
HOMO -4.55 eV  
LUMO -3.9 eV

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