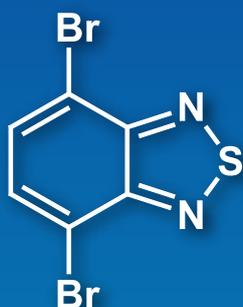


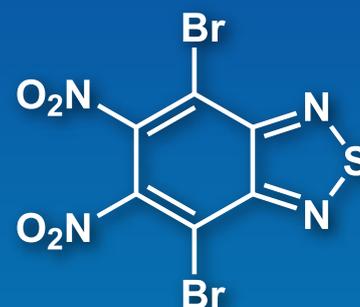
聚合物合成用苯并噻二唑单体



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



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



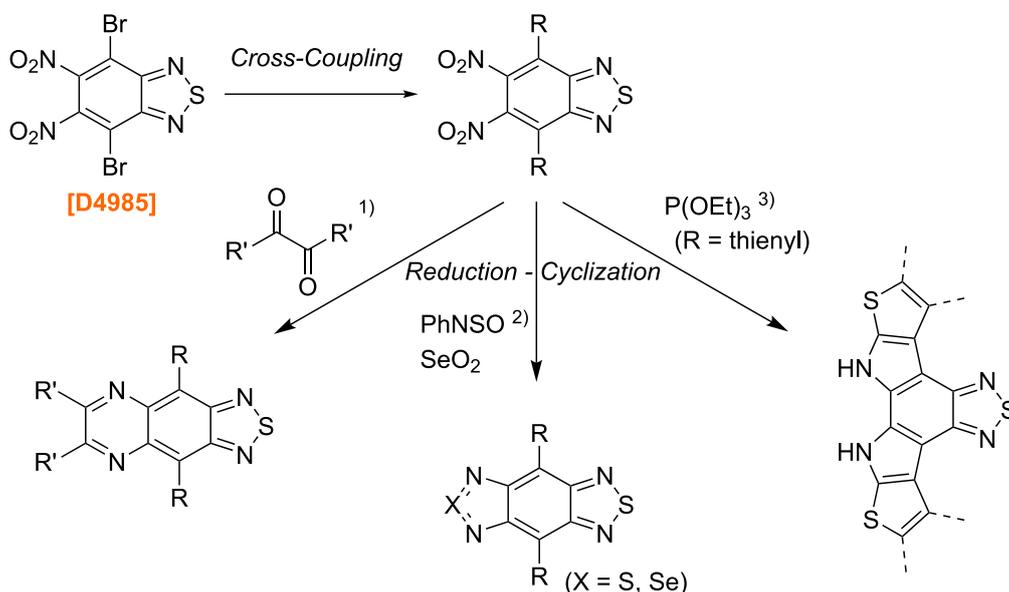
4,7-Dibromo-5,6-dinitro-
2,1,3-benzothiadiazole
1g / 5g
[D4985] **New**

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

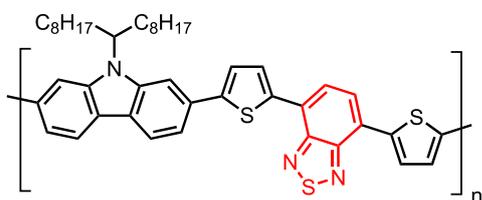
应用

π共轭扩大



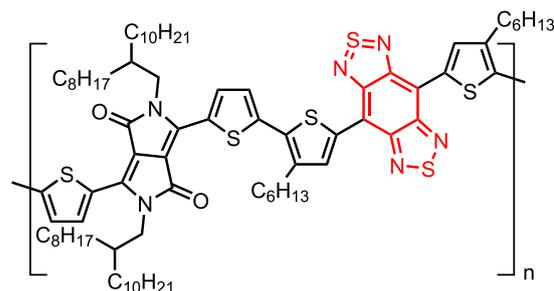
聚合物合成用苯并噻二唑单体

合成聚合物实例



PCDTBT⁴⁾

E_g 1.88 eV
HOMO -5.50 eV
LUMO -3.60 eV



PBBT6-DPP⁵⁾

E_g 0.65 eV
HOMO -4.55 eV
LUMO -3.9 eV

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