

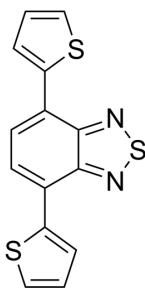
## DTBT

Cat. No.: HY-114856  
CAS No.: 165190-76-1  
Batch No.: 367407  
Chemical Name: 2,1,3-Benzothiadiazole, 4,7-di-2-thienyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>S<sub>3</sub>  
Molecular Weight: 300.42  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Orange to red (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.84%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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