

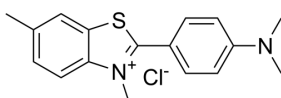
## Thioflavin T

Cat. No.: HY-D0218  
 CAS No.: 2390-54-7  
 Batch No.: 238782  
 Chemical Name: Benzothiazolium, 2-[4-(dimethylamino)phenyl]-3,6-dimethyl-, chloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>19</sub>ClN<sub>2</sub>S  
 Molecular Weight: 318.86  
 Storage: 4°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Yellow to orange (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.45%  
 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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