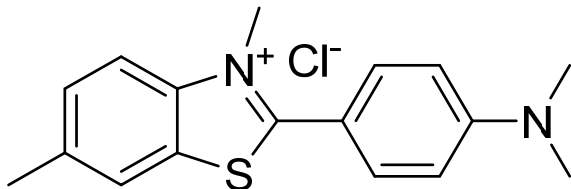


## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
561708	Thioflavin T	A23M12B27

Chemical name	
4-(3,6-Dimethyl-1,3-benzothiazol-3-ium-2-yl)-N,N-dimethylaniline chloride	
Synonyms	
Thioflavin T; Basic yellow 1; Thioflavin S; Setoflavine T;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 561708 Name: Thioflavin T CAS#: 2390-54-7 Lot#: A23M12B27 Chemical Formula: C <sub>17</sub> H <sub>19</sub> ClN <sub>2</sub> S Exact Mass: 318.0957 Molecular Weight: 318.86

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	95.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**