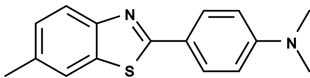


**BTA-2 [2-(4'-(dimethylamino)phenyl)-6-methyl-benzothiazole]**Catalog number: 23052  
Unit size: 25 mg**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

**Chemical Properties**

Appearance	Yellow solid
Molecular Weight	268.38
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	355 nm
Emission Wavelength	426 nm

**Applications**

BTA-2 is an uncharged derivative of Thioflavin-T that exhibits high affinity for amyloid deposits [ $K_i = 143$  nM for Ab(1-40)] and can cross the blood brain barrier. It displays up to 6-fold higher affinity than ThT and stains both plaques and neurofibrillary tangles in post mortem Alzheimer's disease brain.