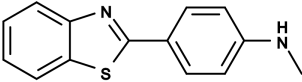


BTA-1
[2-(4'-(methylamino)phenyl)benzothiazole]Catalog number: 23051
Unit size: 5 mg**Product Details**

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

Chemical Properties

Appearance	Yellow solid
Molecular Weight	240.32
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	349 nm
Emission Wavelength	421 nm

Applications

BTA-1 is a fluorescent Thioflavin-T derivative that exhibits high affinity for amyloid deposits ($K_i = 11$ nM for Ab 40). It crosses the blood brain barrier and displays up to 50-fold higher affinity than Thioflavin-T, and used for selectively staining cerebral plaques and cerebrovascular amyloid deposits in the brains of PS1/APP transgenic mice.