# Data Sheet (Cat.No.T75361)



#### **BSB**

### **Chemical Properties**

CAS No.: 291766-06-8 Formula: C24H17BrO6

Molecular Weight: 481.29

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

| Description | BSB, a fluorescent probe derived from Congo red, binds to both extracellular amyloid β |
|-------------|--|
|             | protein and various intracellular lesions characterized by abnormal tau and synuclein  |
|             | proteins. Acting as a prototype imaging agent for Alzheimer's disease, BSB             |
|             | demonstrates versatility in detecting key pathological hallmarks of the condition [1]. |

### **Preparing Stock Solutions**

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0777 mL | 10.3887 mL | 20.7775 mL |
| 5 mM  | 0.4155 mL | 2.0777 mL  | 4.1555 mL  |
| 10 mM | 0.2078 mL | 1.0389 mL  | 2.0777 mL  |
| 50 mM | 0.0416 mL | 0.2078 mL  | 0.4155 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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