

sBADA TFA

Chemical Properties

CAS No. :

Formula: C₁₉H₂₁BF₅N₄NaO₈S

Molecular Weight:

Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	sBADA TFA is an efficient green fluorescent dye, known as a sulfonated BODIPY-FL 3-amino-D-alanine. It is utilized for in situ labeling of peptidoglycan in bacterial cell walls. ($\lambda_{\text{ex}}=490$ nm, $\lambda_{\text{em}}=510$ nm).
Targets(IC50)	Others
In vitro	sBADA TFA assay(for GAPDH quantification): Begin by washing <i>S. venezuelae</i> cells twice with pre-warmed fresh LB broth (30°C) and collect them using centrifugation at 7000 g for 2 minutes. Resuspend the cells in fresh LB broth (30°C) containing 1mM sBADA TFA and culture for 5 minutes. Treat the cells with 70% ice-cold ethanol and incubate them in an ice bath for 1 hour. Subsequently, wash the fixed cells twice with cold (4°C) 1x PBS by centrifugation, then resuspend them in 4°C 1x PBS prior to imaging. Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481