

Product Data Sheet

Product Name: sBADA
Cat. No.: GC50539

Chemical Properties

Cas. No. 2376838-11-6

SMILES CC(C=C1C)=C2N1[B-](F)(F)[N+]3=C(CCC(NC[C@@H](N)C(O)=O)=O)C(S(=O)(O[Na])=O)=CC3=C2.OC(C(F)(F)F)=O

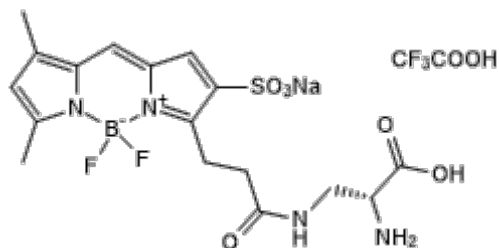
Formula C₁₇H₂₀BF₂N₄O₆S.Na.C₂H₃FO₂ M.Wt 594.25

Solubility 4.58mg/mL in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Green sulfonated BODIPY-FL 3-amino-D-alanine (sBADA) or fluorescent D-amino acid (FFDA). Labels peptidoglycans in live bacteria. Sulfonated form of BADA with increased hydrophilicity. Excitation/emission λ ~490/510 nm.

Hsu et al (2017) Full color palette of fluorescent d-amino acids for in situ labeling of bacterial cell walls. Chem.Sci. 8 6313 PMID:28989665

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA