

Product Data Sheet

Product Name: 3-BODIPY-propanoylaminocaproic Acid N-hydroxysuccinimide ester

Cat. No.: GC42249

Chemical Properties

Cas. No. 217190-09-5

SMILES O=C(NCCCCC(ON(C(CC1)=O)C1=O)=O)CCC2=CC=C3[N-]2[B+3]([F-])([F-])[N]4=C(C)C=C(C)C4=C3

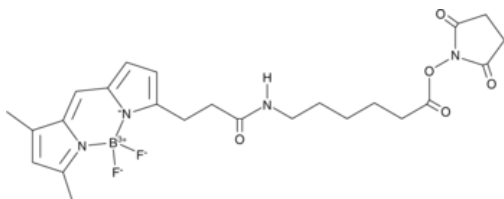
Formula C₂₄H₂₉BF₂N₄O₅ M.Wt 502.3

Solubility Chloroform: >1 mg/ml, Methanol: >1 mg/ml Storage Store at -20°C

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

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

Structure



Background

3-BODIPY-propanoylaminocaproic acid N-hydroxysuccinimide ester (BODIPY FL-X SE) is an amine-reactive fluorescent probe. BODIPY FL-X SE has been used to visualize proteins immobilized on PVDF membranes with minor excitation peaks at 300-360 nm, a primary excitation peak at 504 nm, and an emission maximum at 511 nm. It has also been used to increase the hydrophobicity and detectability of amino acids in transient trapping-micellar electrokinetic chromatography.

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