

Product Data Sheet

Product Name: YADA
Cat. No.: GC50654

Chemical Properties

Cas. No. 1471982-33-8

SMILES O=C(N(C[C@@H](N)C(O)=O)C1=O)C2=C(C1=CC(S(=O)(O)=O)=C3N)C3=CC(S(=O)(O)=O)=C2

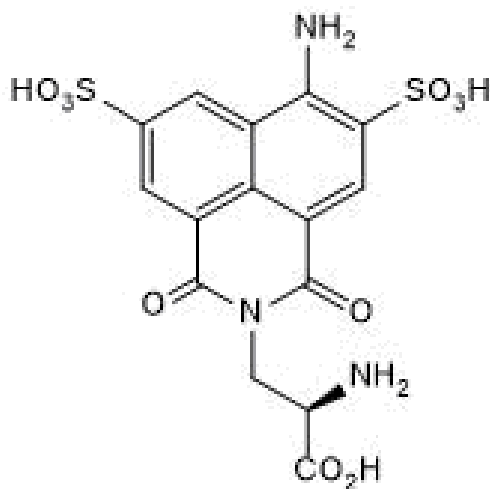
Formula C₁₅H₁₃N₃O₁₀S₂ M.Wt 459.41

Solubility DMSO|45.94|100| 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

Green-yellow lucifer yellow-based fluorescent D-amino acid. Suitable for labeling peptidoglycans in live bacteria. Incorporated into bacterial cell walls during synthesis. Exhibits large Stokes shift and wider emission spectra than other FDAAs, allowing excitation via a violet light source and detection with a green filter. Displays good water solubility, photostability and thermostability. Excitation/emission λ ~426/535 nm.

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