
Product Data Sheet

Product Name: UAA crosslinker 1

Cat. No.: GC32461

Chemical Properties

Cas. No. 1167421-25-1

SMILES N[C@@H](CCCCNC(OCCN=[N+]=[N-])=O)C(O)=O

Formula $C_9H_{17}N_5O_4$ M.Wt 259.26

Solubility Soluble in DMSO 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

UAA crosslinker 1 act as substrates for pyIRS/tRNA pair that enable its incorporation into a target protein.

[1]. VanBrunt MP, et al. Genetically Encoded Azide Containing Amino Acid in Mammalian Cells Enables Site-Specific Antibody-Drug Conjugates Using Click Cycloaddition Chemistry. *Bioconjug Chem.* 2015 Nov 18;26(11):2249-60.

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