

Product Data Sheet

Product Name: Vipivotide tetraxetan Linker

Cat. No.: GC37911

Chemical Properties

Cas. No. 1703768-74-4

SMILES O=C(O)[C@H](CCCCNC([C@H](CC1=CC=CC=C2C=CC(=C1)NC([C@H]3CC[C@H](CN)CC3)=O)=O)NC(N[C@H](C(O)=O)CCC(O)=O)=O

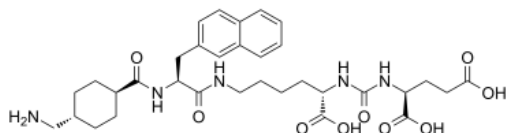
Formula $C_{33}H_{45}N_5O_9$ M.Wt 655.74

Solubility DMSO: 270 mg/mL (411.75 mM) 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

Vipivotide tetraxetan Linker is a useful peptide linker for synthesis of Vipivotide tetraxetan (PSMA-617). Vipivotide tetraxetan (PSMA-617) is a ligand used to synthesize ¹⁷⁷Lu-PSMA-617, which is a radioactive molecule for the treatment of prostate cancer[1]. Alkyl-Chain

[1]. BenešovÁ M, et al. Albumin-Binding PSMA Ligands: Optimization of the Tissue Distribution Profile. Mol Pharm. 2018 Mar 5;15(3):934-946.

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

Product Data Sheet

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