

Product Data Sheet

Product Name: PSMA-Val-Cit-PAB-Azide

Cat. No.: GC73915

Chemical Properties

Cas. No. 2374814-84-1

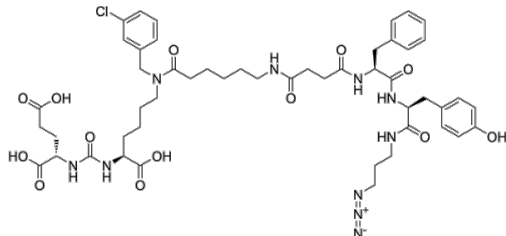
Formula $C_{50}H_{65}ClN_{10}O_{13}$ M.Wt 1049.56

Solubility DMSO : 200 mg/mL (190.56 mM; Storage -20°C
Need ultrasonic)

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

PSMA-Val-Cit-PAB-Azide is a drug-linker conjugate for ADC. PSMA-Val-Cit-PAB-Azide contains the cleavable ADCs linker (Val-Cit-PAB) and a novel small-molecule PSMA-targeted conjugate. It contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups.

References:

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

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[1]. Aleksei E Machulkin, et al. Synthesis, Characterization, and Preclinical Evaluation of a Small-Molecule Prostate-Specific Membrane Antigen-Targeted Monomethyl Auristatin E Conjugate. J Med Chem. 2021 Dec 9;64(23):17123-17145.

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