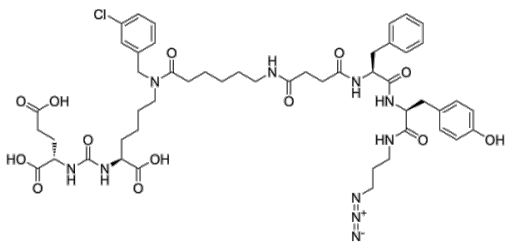
Product Data Sheet

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; Need ultrasonic)	Storage	-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

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 Monometl Auristatin E Conjugate. J Med Chem. 2021 Dec 9;64(23):17123-17145.

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