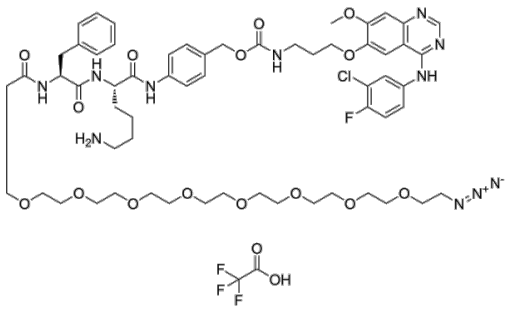
Product Data Sheet

Product Name: N3-PEG8-Phe-Lys-PABC-Gefitinib TFA
Cat. No.: GC78801

Chemical Properties

Cas. No.			
Formula	$C_{62}H_{82}ClF_4N_{11}O_{17}$	M.Wt	1364.82
Solubility		Storage	Store at -20°C, sealed storage, away from moisture and light
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

N3-PEG8-Phe-Lys-PABC-Gefitinib TFA is a agent-linker conjugate for ADC with potent antitumor activity by using the anti-tumor agent, Gefitinib (orally active EGFR tyrosine kinase inhibitor), linked via the cleavable linker N3-PEG8-Phe-Lys-PABC. N3-PEG8-Phe-Lys-PABC-Gefitinib TFA is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAc) with molecules containing Alkyne groups. It can also undergo strain-promoted alkyne-azide cycloaddition (SPAAC) reactions with molecules containing DBCO or BCN groups.

Caution: Product has not been fully validated for medical applications. For research use only.
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In Vitro, ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.