

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

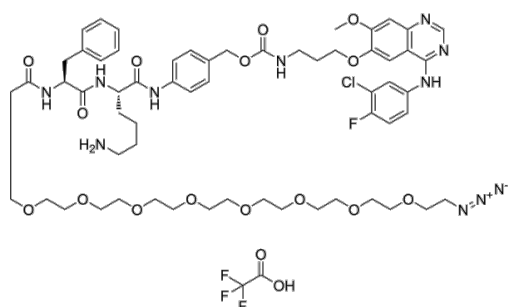
Solubility

Storage Store at $-20^{\circ}C$, sealed storage, away from moisture and light

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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 (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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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In Vitro, ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

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