

Product Data Sheet

Product Name: Bis-sulfone-(PEG24)-Glu-Val-Cit-PAB-MMAE

Cat. No.: GC78764

Chemical Properties

Cas. No. 3103526-19-5

Formula $C_{137}H_{222}N_{12}O_{44}S_2$ M.Wt 2805.41

Solubility DMSO: 50 mg/mL (17.82 mM; Need ultrasonic) 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

Bis-sulfone-(PEG24)-Glu-Val-Cit-PAB-MMAE is a drug-linker conjugate for ADC. Bis-sulfone-(PEG24)-Glu-Val-Cit-PAB-MMAE contains a linker and bioactive small molecule toxins MMAE. Bis-sulfone-(PEG24)-Glu-Val-Cit-PAB-MMAE can conjugate with NN2101 (anti c-Kit) for synthesizing NN3201. NN3201 rapidly internalizes and inhibits SCF-driven signaling, thereby delivering its payload to induce cell cycle arrest and apoptosis. NN3201 exhibits significant c-Kit-dependent anti-tumor efficacies in various tumor models, such as small cell lung cancer (SCLC) and gastrointestinal stromal tumor (GIST) [1].

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

References:

[1]. Kim C, et al. Preclinical Antitumor Efficacy of a Novel Anti-c-Kit Antibody-Drug Conjugate, NN3201, in c-Kit-Positive Tumors. Mol Cancer Ther. 2025 Sep 24:OF1-OF14.

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