
Product Data Sheet

Product Name: SW-163D-AcLysValCit-PABC-DMAE

Cat. No.: GC34428

Chemical Properties

Cas. No.

Formula C₈₅H₁₁₃N₁₉O₂₂S₂

M.Wt

1817.05

Solubility Soluble in DMSO

Storage

Store at -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**

SW-163D-AcLysValCit-PABC-DMAE is a Drug-Linker Conjugates for ADC which consists of a natural bis-intercalator, SW-163D, conjugated via an AcLysValCitPABC-DMAE linker[1].

SW-163D is a cyclodepsipeptide antibiotic that is isolated from Streptomyces sp. SW-163D also exhibits antitumour activity. PF06888667 is a potent, stable, and efficacious ADC that consists of the bis-intercalator, SW-163D, conjugated via an N-acetyl-lysine-valine-citrulline-p-aminobenzyl alcohol-N,N-dimethylethylenediamine (AcLysValCitPABC-DMAE) linker to an engineered variant of the anti-Her2 mAb, trastuzumab, catalyzed by transglutaminase[1].

[1]. Ratnayake AS, et al. Natural Product Bis-Intercalator Depsipeptides as a New Class of Payloads for Antibody-Drug Conjugates. Bioconjug Chem. 2018 Dec 13. doi: 10.1021/acs.bioconjchem.8b00843.

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

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