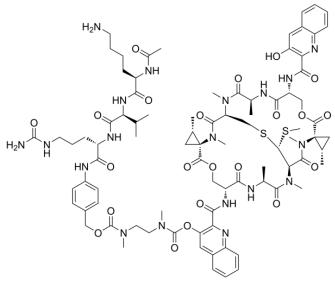
AcLysValCit-PABC-DMAE-SW-163D

Cat. No.:	HY-114325
CAS No.:	2411007-69-5
Molecular Formula:	$C_{85}H_{113}N_{19}O_{22}S_2$
Molecular Weight:	1817.05
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AcLysValCit-PABC-DMAE-SW-163D is a agent-linker conjugates for ADC which consists of a natural bis-intercalator, SW-163D, conjugated via an AcLysValCitPABC-DMAE linker[1].
IC_{50} & Target	Traditional Cytotoxic Agents
In Vitro	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]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA