PDS-MMAE

Cat. No.: HY-153958

CAS No.: 1613113-44-2

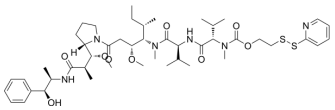
Molecular Formula: $C_{47}H_{74}N_6O_9S_2$

Molecular Weight: 931.26

Target: Drug-Linker Conjugates for ADC

Pathway: Antibody-drug Conjugate/ADC Related

Storage: 4°C, protect from light
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (107.38 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.0738 mL	5.3691 mL	10.7381 mL
	5 mM	0.2148 mL	1.0738 mL	2.1476 mL
	10 mM	0.1074 mL	0.5369 mL	1.0738 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (2.68 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (2.68 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (2.68 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PDS-MMAE (Compound 5') is a modified MMAE (HY-15162). PDS-MMAE can be used for preparation of neurotensin receptor binding conjugates[1].

REFERENCES

[1]. Mark T. Bilodeau, et al. Neurotensin receptor binding conjugates and formulations thereof. Patent. WO2017180834.

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

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