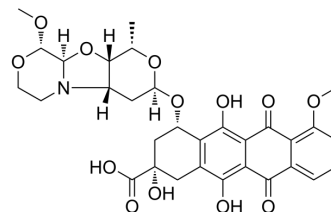


PNU-159682 carboxylic acid

Cat. No.:	HY-126666
CAS No.:	1204819-92-0
Molecular Formula:	C ₃₁ H ₃₃ NO ₁₃
Molecular Weight:	627.59
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (79.67 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5934 mL	7.9670 mL	15.9340 mL
5 mM	0.3187 mL	1.5934 mL	3.1868 mL
10 mM	0.1593 mL	0.7967 mL	1.5934 mL

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

BIOLOGICAL ACTIVITY

Description

PNU-159682 carboxylic acid (compound 53) is a potent ADCs cytotoxin and encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. PNU-159682 carboxylic acid has protein fold and diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response^[1].

IC₅₀ & Target

Daunorubicins/Doxorubicins

REFERENCES

[1]. John Flygare, et al. Anthracycline disulfide intermediates, antibody-drug conjugates and methods. WO2016040825A1.

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

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