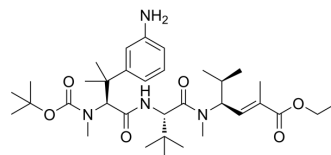


## SC209 intermediate-2

<b>Cat. No.:</b>	HY-400056		
<b>CAS No.:</b>	1977557-83-7		
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>56</sub> N <sub>4</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	616.83		
<b>Target:</b>	ADC Linker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 200 mg/mL (324.24 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.6212 mL	8.1060 mL	16.2119 mL
		5 mM	0.3242 mL	1.6212 mL	3.2424 mL
10 mM		0.1621 mL	0.8106 mL	1.6212 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (8.11 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	SC209 intermediate-2 (Compound A9) is an intermediate of the ADC cytotoxin SC209 (HY-144880). SC209 intermediate-2 is an ADC Linker <sup>[1]</sup> .
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### REFERENCES

[1]. Toni Kline, et al. Hemiasterlin derivatives for conjugation and therapy. Patent. WO2016123582.

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

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