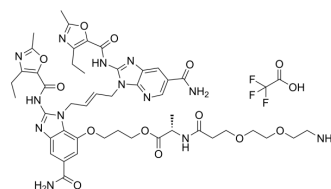


STING agonist-20-Ala-amide-PEG2-C2-NH2 TFA

Cat. No.:	HY-148346A
Molecular Formula:	C ₄₈ H ₅₈ F ₃ N ₁₃ O ₁₄
Molecular Weight:	1098.05
Target:	STING; Drug-Linker Conjugates for ADC
Pathway:	Immunology/Inflammation; Antibody-drug Conjugate/ADC Related
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (91.07 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.9107 mL	4.5535 mL	9.1071 mL
		5 mM	0.1821 mL	0.9107 mL	1.8214 mL
	10 mM	0.0911 mL	0.4554 mL	0.9107 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.28 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.28 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	STING agonist-20-Ala-amide-PEG2-C2-NH2 (Compound 30b) TFA is an active scaffold comprising a stimulator of interferon genes (STING). STING agonist-20-Ala-amide-PEG2-C2-NH2 TFA can be used to synthesize immune-stimulating antibody conjugate (ISAC). STING agonist-20-Ala-amide-PEG2-C2-NH2 TFA can be used for the research of cancer ^[1] .
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REFERENCES

[1]. Jeremy R, et al. Antibody drug conjugates comprising sting agonists. Patent. WO2021202984A1.

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

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