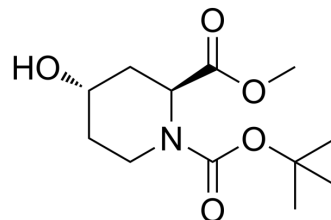


AN-12-H5 intermediate-1

Cat. No.:	HY-22055B		
CAS No.:	254882-14-9		
Molecular Formula:	C ₁₂ H ₂₁ NO ₅		
Molecular Weight:	259.3		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (385.65 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		3.8565 mL	19.2827 mL	38.5654 mL
		5 mM		0.7713 mL	3.8565 mL	7.7131 mL
10 mM			0.3857 mL	1.9283 mL	3.8565 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.64 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.64 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	AN-12-H5 intermediate-1 ((2S,4S)-1-tert-butyl 2-methyl-4-hydroxypiperidine-1,2-dicarboxylate) is an intermediate of the viral inhibitor AN-12-H5 (HY-120900) and can be used to synthesize Antibody-Drug Conjugates (ADCs).
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REFERENCES

[1]. AN-12-H5 shows no inhibitory effect on PI4KB activity and only moderate inhibitory effects on PI 3-kinase activity^[1].

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

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