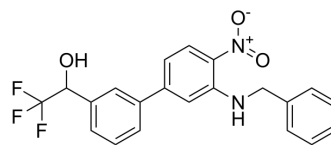


Anti-amyloid agent-1

Cat. No.:	HY-153417		
CAS No.:	1396778-73-6		
Molecular Formula:	C ₂₁ H ₁₇ F ₃ N ₂ O ₃		
Molecular Weight:	402.37		
Target:	Amyloid-β		
Pathway:	Neuronal Signaling		
Storage:	Powder	-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 (248.53 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.4853 mL	12.4264 mL	24.8527 mL
		5 mM	0.4971 mL	2.4853 mL	4.9705 mL
10 mM		0.2485 mL	1.2426 mL	2.4853 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 (6.21 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Anti-amyloid agent-1 is a potent anti-amyloid compound and inhibits amyloid aggregation. Anti-amyloid agent-1, compound ex1140 from patent WO2012119035A1, provides a useful method for amyloidosis treatment research ^[1] .
IC ₅₀ & Target	IC ₅₀ : amyloid ^[1]

REFERENCES

[1]. Mark A. Reed, et al. Anti-amyloid compounds and methods. Patent WO2012119035A1.

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

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