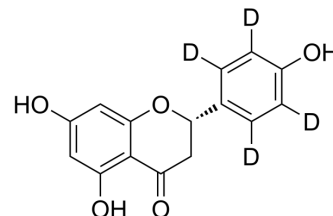


Naringenin-d₄

Cat. No.:	HY-N0100S		
CAS No.:	1192260-78-8		
Molecular Formula:	C ₁₅ H ₈ D ₄ O ₅		
Molecular Weight:	276.28		
Target:	Isotope-Labeled Compounds; Flavivirus; Dengue virus		
Pathway:	Others; Anti-infection		
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 : 50 mg/mL (180.98 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.6195 mL	18.0976 mL	36.1952 mL
		5 mM	0.7239 mL	3.6195 mL	7.2390 mL
10 mM		0.3620 mL	1.8098 mL	3.6195 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (4.52 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (4.52 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (4.52 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Naringenin-d ₄ is the deuterated version of Naringenin (HY-N0100). Naringenin shows strong anti-inflammatory and antioxidant activities. Naringenin has anti-dengue virus (DENV) activity[1].
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REFERENCES

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

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