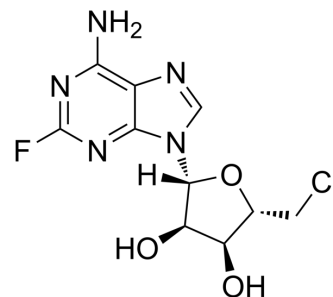


Fludarabine-Cl

Cat. No.:	HY-145443		
CAS No.:	2734853-80-4		
Molecular Formula:	C ₁₀ H ₁₁ ClFN ₅ O ₃		
Molecular Weight:	303.68		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 5 mg/mL (16.46 mM; ultrasonic and warming and heat to 60°C)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
	Preparing Stock Solutions	1 mM	3.2929 mL	16.4647 mL
	5 mM	0.6586 mL	3.2929 mL	
	10 mM	0.3293 mL	1.6465 mL	
	Please refer to the solubility information to select the appropriate solvent.			
In Vivo	1. Add each solvent one by one: PBS Solubility: 2 mg/mL (6.59 mM); Clear solution; Need ultrasonic			

BIOLOGICAL ACTIVITY

Description	Fludarabine-Cl has inhibition effect on RNA adenosine deaminase 1(ADAR1), and can be used for preventing and/or researching cancer or tumor-related diseases ^[1] .
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REFERENCES

[1]. Polysubstituted purine compound and preparation method and application thereof. CN113549076A.

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

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