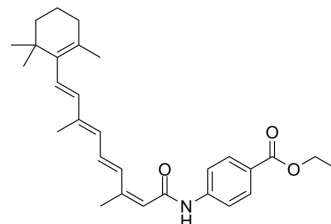


## (Z)-Viaminate

<b>Cat. No.:</b>	HY-112077
<b>CAS No.:</b>	251441-94-8
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>37</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	447.61
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 10 mg/mL (22.34 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	<b>Preparing Stock Solutions</b>			1 mg	5 mg	10 mg
		1 mM		2.2341 mL	11.1704 mL	22.3409 mL
		5 mM		0.4468 mL	2.2341 mL	4.4682 mL
	10 mM		0.2234 mL	1.1170 mL	2.2341 mL	
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1 mg/mL (2.23 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 1 mg/mL (2.23 mM); Suspended solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

<b>Description</b>	(Z)-Viaminate is a derivative of Retinoic acid.
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### REFERENCES

[1]. Isotretinoin amido derivative, preparation method thereof and applications thereof. CN103319365A

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

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