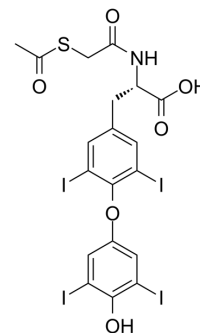


## T4-ATA (S-isomer)

<b>Cat. No.:</b>	HY-114272A
<b>CAS No.:</b>	2448470-97-9
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>15</sub> I <sub>4</sub> NO <sub>6</sub> S
<b>Molecular Weight:</b>	893.01
<b>Target:</b>	Thyroid Hormone Receptor
<b>Pathway:</b>	Vitamin D Related/Nuclear Receptor
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (111.98 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	1.1198 mL	5.5990 mL	11.1981 mL
		5 mM	0.2240 mL	1.1198 mL	2.2396 mL
	10 mM	0.1120 mL	0.5599 mL	1.1198 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: ≥ 2.5 mg/mL (2.80 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.80 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	T4-ATA S-isomer is the S-isomer of T4-ATA, which is the active form of the thyroid hormone.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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