

THR-0921

## Chemical Properties

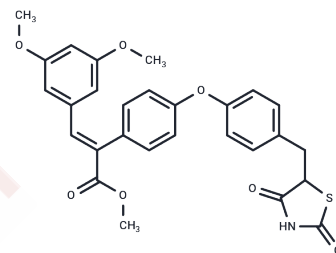
CAS No. : 606932-81-4

Formula: C<sub>28</sub>H<sub>25</sub>N<sub>1</sub>O<sub>7</sub>S

Molecular Weight: 519.57

Storage: Keep away from moisture, Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	THR-0921 (CLX-0921) is a peroxisome proliferator-activated receptor (PPAR) agonist that can be used to study cardiovascular and metabolic diseases.
Targets(IC50)	PPAR
In vivo	Mice were treated with THR-0921 (50 mg/kg/day) starting on the day of the booster injection and throughout the remaining study period. Both clinical disease activity scores as well as histological scores of joint destruction were significantly reduced in mice treated with THR-0921 compared to untreated mice. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9247 mL	9.6233 mL	19.2467 mL
5 mM	0.3849 mL	1.9247 mL	3.8493 mL
10 mM	0.1925 mL	0.9623 mL	1.9247 mL
50 mM	0.0385 mL	0.1925 mL	0.3849 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Tomita T, et al. THR0921, a novel peroxisome proliferator-activated receptor gamma agonist, reduces the severity of collagen-induced arthritis. *Arthritis Res Ther.* 2006;8(1):R7.

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