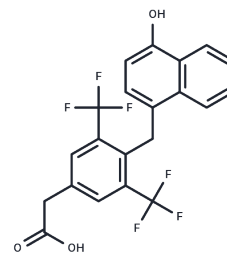


ZTA-261

## Chemical Properties

CAS No. : 3049368-51-3  
 Formula: C<sub>21</sub>H<sub>14</sub>F<sub>6</sub>O<sub>3</sub>  
 Molecular Weight: 428.32  
 Storage: 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	ZTA-261 is a highly selective and low-toxicity agonist for the thyroid hormone receptor subtype $\beta$ (THR- $\beta$ ), with an IC <sub>50</sub> of 6.3 nM. It operates through the Liothyronine-mediated pathway to reduce body weight and visceral fat. This compound has applications in the study of lipid metabolism and obesity.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3347 mL	11.6735 mL	23.347 mL
5 mM	0.4669 mL	2.3347 mL	4.6694 mL
10 mM	0.2335 mL	1.1674 mL	2.3347 mL
50 mM	0.0467 mL	0.2335 mL	0.4669 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.

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