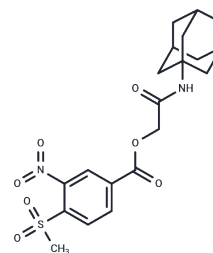


MLS000389544

## Chemical Properties

CAS No. : 573965-48-7  
 Formula: C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>S  
 Molecular Weight: 436.479  
 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	MLS000389544 is a selective and potent thyroid hormone receptor $\beta$ (TR $\beta$ ) antagonist with a methylsulfonyl nitrobenzoic acid structure. It effectively inhibits the interaction between TR $\beta$ and steroid receptor coactivator 2 (SRC2).
Targets(IC50)	Thyroid hormone receptor(THR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2911 mL	11.4553 mL	22.9106 mL
5 mM	0.4582 mL	2.2911 mL	4.5821 mL
10 mM	0.2291 mL	1.1455 mL	2.2911 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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