

T2384

## Chemical Properties

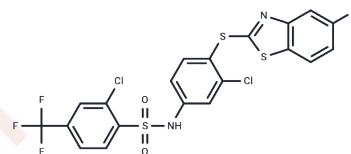
CAS No. : 315222-83-4

Formula: C<sub>20</sub>H<sub>10</sub>Cl<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>

Molecular Weight: 569.86

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	T2384 is a ligand for the peroxisome proliferator-activated receptor $\gamma$ (PPAR $\gamma$ ). It also acts as an orally active antidiabetic agent, effectively reducing fasting blood glucose and plasma insulin levels.
Targets(IC50)	PPAR
In vivo	T2384, when administered via diet at doses of 30 and 100 mg/kg for 4 days, improves blood glucose and insulin levels in a diabetes model without causing weight gain or anemia.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7548 mL	8.7741 mL	17.5482 mL
5 mM	0.351 mL	1.7548 mL	3.5096 mL
10 mM	0.1755 mL	0.8774 mL	1.7548 mL
50 mM	0.0351 mL	0.1755 mL	0.351 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481