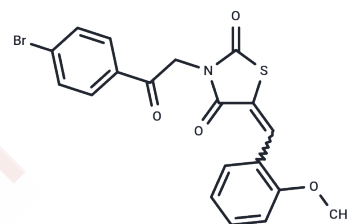


PPAR γ agonist 16

Chemical Properties

CAS No. :	2218046-01-4
Formula:	C ₁₉ H ₁₄ BrNO ₄ S
Molecular Weight:	432.29
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	PPAR γ agonist16 (Compound 4G) is a PPAR γ agonist that competitively binds to the ligand-binding domain (LBD) of PPAR γ with an IC ₅₀ of 1790 nM. It reduces ear swelling in mouse models and exhibits antihyperglycemic activity in mice with Streptozotocin-induced diabetes.
Targets(IC ₅₀)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3133 mL	11.5663 mL	23.1326 mL
5 mM	0.4627 mL	2.3133 mL	4.6265 mL
10 mM	0.2313 mL	1.1566 mL	2.3133 mL
50 mM	0.0463 mL	0.2313 mL	0.4627 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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