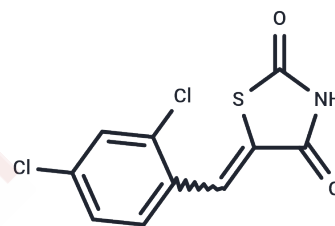


NSC 31150

Chemical Properties

CAS No. : 51244-45-2
 Formula: C₁₀H₅Cl₂NO₂S
 Molecular Weight: 274.12
 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	NSC 31150 is a potential PPAR agonist with antibacterial, antidiabetic and antioxidant activities and may be used to study cancer and bacterial infections.
Targets(IC50)	Antioxidant, Antibacterial, Antibiotic, PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.648 mL	18.2402 mL	36.4804 mL
5 mM	0.7296 mL	3.648 mL	7.2961 mL
10 mM	0.3648 mL	1.824 mL	3.648 mL
50 mM	0.073 mL	0.3648 mL	0.7296 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

Sucheta, et al. Synthesis, SAR and in vitro therapeutic potentials of thiazolidine-2,4-diones. Chem Cent J. 2018 Dec 4;12(1):129.

Abbas A, et al. Synthesis and evaluation of the hypoglycemic and hypolipidemic activity of novel arylidene thiazolidinedione analogs on a type 2 diabetes model[J]. Pharmaceutical Chemistry Journal, 2016, 50(3): 165-71.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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