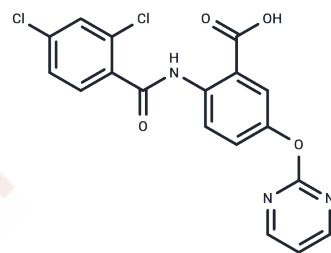


BVT.13

## Chemical Properties

CAS No. : 756813-87-3  
 Formula: C<sub>18</sub>H<sub>11</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 404.2  
 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	BVT.13 is an orally active and selective PPAR $\gamma$ agonist with maximal efficacy comparable to rosiglitazone, BVT.13 demonstrates antidiabetic activity in ob/ob mice, showing potential in metabolism research.
Targets(IC50)	PPAR

## Solubility Information

Solubility	DMSO: 3.2 mg/mL (7.92 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.474 mL	12.3701 mL	24.7402 mL
5 mM	0.4948 mL	2.474 mL	4.948 mL
10 mM	0.2474 mL	1.237 mL	2.474 mL
50 mM	0.0495 mL	0.2474 mL	0.4948 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

Ostberg T, et al. A new class of peroxisome proliferator-activated receptor agonists with a novel binding epitope shows antidiabetic effects[J]. Journal of Biological Chemistry, 2004, 279(39): 41124-41130.

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