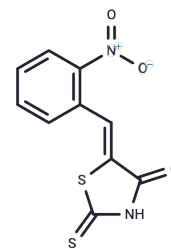


AKOS B018304

Chemical Properties

CAS No. : 6308-22-1
 Formula: C₁₀H₆N₂O₃S₂
 Molecular Weight: 266.3
 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	AKOS B018304 is an aryl derivative capable of polarity substitution at the para position. AKOS B018304 is a chikungunya virus inhibitor.
Targets(IC50)	Others,Antiviral

Solubility Information

Solubility	DMSO: 10 mg/mL (37.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (3.76 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7552 mL	18.7758 mL	37.5516 mL
5 mM	0.751 mL	3.7552 mL	7.5103 mL
10 mM	0.3755 mL	1.8776 mL	3.7552 mL
50 mM	0.0751 mL	0.3755 mL	0.751 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

Jadav SS, et al. Thiazolidone derivatives as inhibitors of chikungunya virus. Eur J Med Chem. 2015 Jan 7;89:172-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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