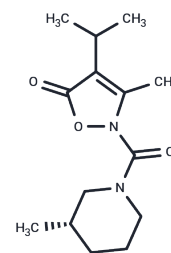


BAY 59-9435

## Chemical Properties

CAS No. : 654059-21-9  
 Formula: C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 266.34  
 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	HSL-IN-2 is a selective inhibitor of Hormone Sensitive Lipase (HSL; IC <sub>50</sub> : 0.023 μM).
Targets(IC <sub>50</sub> )	Others,Lipase

## Solubility Information

Solubility	DMSO: 250 mg/mL (938.65 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: 5 mg/mL (18.77 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	3.7546 mL	18.773 mL	37.546 mL
5 mM	0.7509 mL	3.7546 mL	7.5092 mL
10 mM	0.3755 mL	1.8773 mL	3.7546 mL
50 mM	0.0751 mL	0.3755 mL	0.7509 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

Ebdrup S, et al. Synthesis and structure-activity relationship for a novel class of potent and selective carbamoyl-triazole based inhibitors of hormone sensitive lipase. J Med Chem. 2004 Jan 15;47(2):400-10.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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