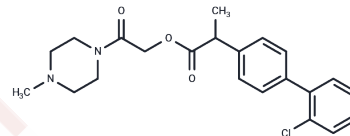


Bifeprofen

Chemical Properties

CAS No. :	108210-73-7
Formula:	C ₂₂ H ₂₅ ClN ₂ O ₃
Molecular Weight:	400.90
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	Bifeprofen is an inhibitor of cytochrome P450 2C9 (CYP2C9), demonstrating dose-dependent inhibitory effects (75 μM, 50% inhibition rate).
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4944 mL	12.4719 mL	24.9439 mL
5 mM	0.4989 mL	2.4944 mL	4.9888 mL
10 mM	0.2494 mL	1.2472 mL	2.4944 mL
50 mM	0.0499 mL	0.2494 mL	0.4989 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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