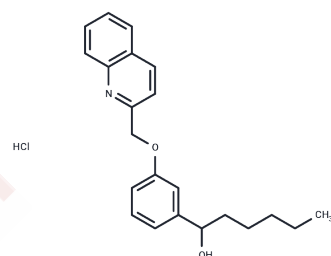


REV 5901A

## Chemical Properties

CAS No. : 92532-23-5  
 Formula: C<sub>22</sub>H<sub>26</sub>ClNO<sub>2</sub>  
 Molecular Weight: 371.90  
 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	REV 5901A (REV 5901 HCl) is an orally active leukotriene receptor antagonist and 5-lipoxygenase inhibitor with antimicrobial activity that attenuates colon cancer growth in mice. REV 5901A has been used in studies of asthma and myocardial infarction. REV 5901A is used to study asthma and myocardial infarction.
Targets(IC50)	Antibiotic, Leukotriene Receptor, Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6889 mL	13.4445 mL	26.8889 mL
5 mM	0.5378 mL	2.6889 mL	5.3778 mL
10 mM	0.2689 mL	1.3444 mL	2.6889 mL
50 mM	0.0538 mL	0.2689 mL	0.5378 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

- Inwegen RGV, et al. REV 5901: an orally effective peptidoleukotriene antagonist, detailed biochemical/pharmacological profile. *J Pharmacol Exp Ther.* 1987 Apr;241(1):117-24.  
 Anderson G, et al. Effects of REV 5901, a 5-lipoxygenase inhibitor and leukotriene antagonist, on pulmonary responses to platelet activating factor in the guinea-pig. *Br J Pharmacol.* 1988 Aug;94(4):1115-22.

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