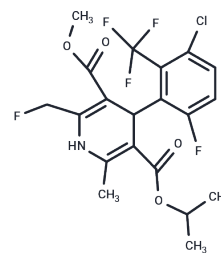


FPL-62129

## Chemical Properties

CAS No. : 95445-79-7  
 Formula: C<sub>20</sub>H<sub>19</sub>ClF<sub>5</sub>NO<sub>4</sub>  
 Molecular Weight: 467.81  
 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	FPL-62129 is a calcium channel antagonist and a novel angiotensin-converting enzyme inhibitor with vasodilator activity for the study of cardiovascular disease.
Targets(IC50)	RAAS, Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1376 mL	10.6881 mL	21.3762 mL
5 mM	0.4275 mL	2.1376 mL	4.2752 mL
10 mM	0.2138 mL	1.0688 mL	2.1376 mL
50 mM	0.0428 mL	0.2138 mL	0.4275 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

Humphries RG, et al. Cardiovascular profile of FPL 62129, a novel dihydropyridine calcium channel blocker, in anaesthetised dogs: a comparison with nifedipine. J Cardiovasc Pharmacol. 1988 Mar;11(3):332-8.

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