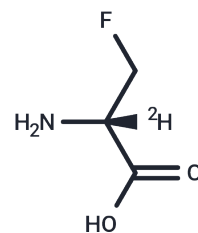


## Fludalanine

## Chemical Properties

CAS No. :	35523-45-6
Formula:	C <sub>3</sub> H <sub>5</sub> DFNO <sub>2</sub>
Molecular Weight:	108.09
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Fludalanine (MK641), an analogue of D-alanine, irreversibly inactivates racemase and also inhibits synthase. When used in combination with cycloserine, it has been found to be more active against a variety of non-mycobacterium organisms than fludalanine or cycloserine alone.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.2515 mL	46.2577 mL	92.5155 mL
5 mM	1.8503 mL	9.2515 mL	18.5031 mL
10 mM	0.9252 mL	4.6258 mL	9.2515 mL
50 mM	0.185 mL	0.9252 mL	1.8503 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

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