Data Sheet (Cat.No.T23652)



AFD-21

Chemical Properties

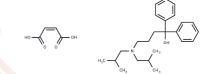
CAS No.: 99465-44-8

Formula: C28H39NO5

Molecular Weight: 469.61

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AFD-21 is a class I antiarrhythmic drug. It binds to sodium channels in their inactivated
	state and exerts use- and voltage-dependent inhibition of sodium channels with
	unbinding rates comparable to those of class I antiarrhythmic drugs with moderate
The state of the s	kinetics.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1294 mL	10.6471 mL	21.2943 mL
5 mM	0.4259 mL	2.1294 mL	4.2589 mL
10 mM	0.2129 mL	1.0647 mL	2.1294 mL
50 mM	0.0426 mL	0.2129 mL	0.4259 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.

Reference

Williams LK, Forero JF, Popovic ZB, Phelan D, Delgado D, Rakowski H, Wintersperger BJ, Thavendiranathan P. Patterns of CMR measured longitudinal strain and its association with late gadolinium enhancement in patients

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