

(Z)-Flunarizine

Chemical Properties

CAS No. :	693765-11-6
Formula:	C ₂₆ H ₂₆ F ₂ N ₂
Molecular Weight:	404.51
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(Z)-Flunarizine is the Z isomer of Flunarizine. It functions as an effective dual blocker of Na ⁺ /Ca ²⁺ (T-type) channels and acts as a D2 dopamine receptor antagonist. Flunarizine possesses anticonvulsant and antimigraine properties, in addition to promoting peripheral vasodilation.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4721 mL	12.3606 mL	24.7213 mL
5 mM	0.4944 mL	2.4721 mL	4.9443 mL
10 mM	0.2472 mL	1.2361 mL	2.4721 mL
50 mM	0.0494 mL	0.2472 mL	0.4944 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.

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