

DAPM

Chemical Properties

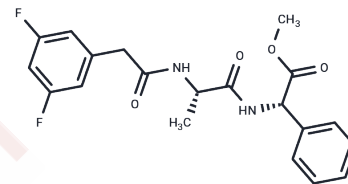
CAS No. : 208255-51-0

Formula: C₂₀H₂₀F₂N₂O₄

Molecular Weight: 390.38

Storage: Store at low temperature, Keep away from moisture
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	DAPM (gamma-Secretase Inhibitor XVI) is a Notch pathway inhibitor with anticancer activity and antiproliferative effects, inhibits cell proliferation and induces the expression of Krüppel-like Factor 4 (KLF4) and p21 in human colon cancer cells, inhibits Notch signaling, and can be used in the study of renal tubular adenomas.
Targets(IC50)	Gamma-secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5616 mL	12.808 mL	25.6161 mL
5 mM	0.5123 mL	2.5616 mL	5.1232 mL
10 mM	0.2562 mL	1.2808 mL	2.5616 mL
50 mM	0.0512 mL	0.2562 mL	0.5123 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

Miyamoto S, et al. Suppression of colon carcinogenesis by targeting Notch signaling. *Carcinogenesis*. 2013 Oct;34(10):2415-23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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