

DAPT(γ 抑制剂)

Catalog No.: RPM0020

Sequence Information

Species	Gene ID	Swiss Prot
	208255-80-5	

Tags

☐☐

Synonyms

LY-374973; GSI-IX

Product Information

Source	Purification
C ₂₃ H ₂₆ F ₂ N ₂ O ₄	> 98%

Calculated MW	Observed MW
432.46	

Endotoxin

Apoptosis, Beta Amyloid, Gamma-secretase, Autophagy

Formulation

DMSO 43.2 mg/mL (100 mM) H₂O:
Insoluble (<1mg/mL)

Reconstitution

Contact

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Background

DAPT抑制 γ -分泌酶活性,抑制Notch信号通路,抑制 γ -分泌酶介导的LDL受体成熟和E-cadherin
蛋白表达,抑制ErbB-4。DAPT抑制 β -分泌酶活性,抑制 β -分泌酶介导的A β 生成。DAPT抑制
细胞增殖(SLE)和诱导细胞凋亡(hiPSC)。DAPT抑制Notch信号通路。

Basic Information

Description

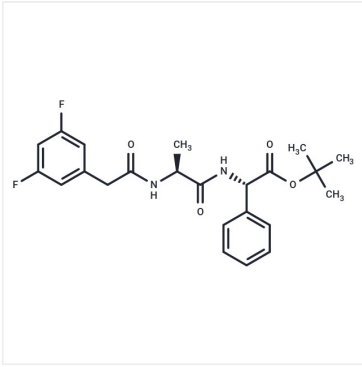
DAPT(γ 抑制剂) is a γ -secretase inhibitor that inhibits total A β and A β 42 (IC₅₀=115/200 nM) and is orally active. DAPT is also a Notch inhibitor. DAPT induces cell differentiation, autophagy and apoptosis.

Bio-Activity

Storage

Store at -20°C. This product is stable at -20°C up to 3 years from the date of receipt . After reconstitution, the solution is stable at -20°C for 6 months, at -80°C for up to 1 year. Avoid repeated freeze/thaw cycles.

Validation Data



Chemical structure of DAPT(γ □□□□□), CAS No.208255-80-5