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Product Datasheet

DAPT FBM-10-4514

Article Name	DAPT
Biozol Catalog Number	FBM-10-4514
Supplier Catalog Number	10-4514
Alternative Catalog Number	FBM-10-4514-5MG,FBM-10-4514-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	gamma-secretase inhibitor...
Molecular Weight	432.46
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[208255-80-5]
Formula	C ₂₃ H ₂₆ F ₂ N ₂ O ₄
Application Notes	Inhibitor of gamma-secretase (IC ₅₀ in human primary neurons = 115 nM for total Abeta or 200 nM for Abeta42 specifically) ¹ . Oral administration of DAPT has been shown to reduce levels of Abeta in brain extract, cerebrospinal fluid and plasma from mice and rats. ^{2,3} DAPT blocks Notch signaling which promotes neuronal differentiation of precursor cells. ⁴ Enhances iPS cells without oncogenes KLF4 and CMYC ⁵ . Cell permeable.