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Product Datasheet

CB-103 FBM-10-4742

Article Name	CB-103
Biozol Catalog Number	FBM-10-4742
Supplier Catalog Number	10-4742
Alternative Catalog Number	FBM-10-4742-20MG,FBM-10-4742-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Notch signaling pathway inhibitor...
Molecular Weight	242.32
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white to pale orange solid
CAS Number	[218457-67-1]
Formula	C ₁₅ H ₁₈ N ₂ O
Application Notes	Orally active inhibitor of the Notch signaling activation complex (IC ₅₀ s from 0.9 to 3.9 μM in various cell-based assays), the most downstream level of the Notch signaling pathway. It inhibited the growth of Notch-addicted human T cell acute lymphoblastic leukemia cells as well as other cell lines. CB-103 also inhibited the growth of human breast cancer and leukemia xenografts without the intestinal toxicity associated with gamma-secretase Notch inhibitors.