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Product Datasheet

Larotrectinib FBM-10-4832

Article Name	Larotrectinib
Biozol Catalog Number	FBM-10-4832
Supplier Catalog Number	10-4832
Alternative Catalog Number	FBM-10-4832-5MG,FBM-10-4832-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	panTRK inhibitor...
Molecular Weight	428.44
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1223403-58-4]
Formula	C ₂₁ H ₂₂ F ₂ N ₆ O ₂
Application Notes	Larotrectinib is a potent (IC ₅₀ s < 11 nM) inhibitor of tropomyosin receptor kinases A, B, and C (TrkA, B, and C). ¹ It is >100 fold selective against a panel of 229 kinases. Larotrectinib markedly attenuated bone cancer pain and significantly blocked the formation of neuroma-like structures and the sprouting of sensory nerve fibers. Larotrectinib caused substantial tumor regression in various cancers displaying TRK gene fusions. ²⁻⁴ Larotrectinib is the first tissue agnostic drug approved by the FDA.