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## Product Datasheet

### Larotrectinib, CAS [[1223403-58-4]] FBM-10-4832

Article Name	Larotrectinib, CAS [[1223403-58-4]]
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 <sub>21</sub> H <sub>22</sub> F <sub>2</sub> N <sub>6</sub> O <sub>2</sub>
Application Notes	Larotrectinib is a potent (IC <sub>50</sub> s < 11 nM) inhibitor of tropomyosin receptor kinases A, B, and C (TrkA, B, and C). <sup>1</sup> 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. <sup>2-4</sup> Larotrectinib is the first tissue agnostic drug approved by the FDA.