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## Product Datasheet

### Alectinib, CAS [[1256580-46-7]] FBM-10-4793

Article Name	Alectinib, CAS [[1256580-46-7]]
Biozol Catalog Number	FBM-10-4793
Supplier Catalog Number	10-4793
Alternative Catalog Number	FBM-10-4793-5MG,FBM-10-4793-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ALK inhibitor...
Molecular Weight	482.62
Purity	99% by HPLC NMr (Conforms)
Form	White solid
CAS Number	[1256580-46-7]
Formula	C30H34N4O2
Application Notes	<p>Alectinib is a potent (IC<sub>50</sub> = 1.9 nM) and highly selective ALK inhibitor.<sup>1</sup> It blocked phosphorylation of both native ALK and the L1196M, C1156Y, and F1174L mutants. Alectinib has also been shown to inhibit RET kinase (IC<sub>50</sub> = 4.8 nM), the RET gatekeeper mutations V804L and V804M, and inhibited the growth of RET fusion positive cells.<sup>2</sup> Alectinib is clinically useful in the treatment of ALK-positive Non-Small Cell Lung Cancer. It effectively suppressed cell proliferation and induced apoptosis in a mouse neuroblastoma xenograft.<sup>3</sup></p>