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Product Datasheet

AMG 510, CAS [[2296729-00-3]]

FBM-10-3930

Article Name	AMG 510, CAS [[2296729-00-3]]
Biozol Catalog Number	FBM-10-3930
Supplier Catalog Number	10-3930
Alternative Catalog Number	FBM-10-3930-5MG,FBM-10-3930-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Covalent KRASG12C Inhibitor...
Molecular Weight	560.61
Purity	>98% by HPLC , NMR (Conforms)
Form	White solid
CAS Number	[2296729-00-3]
Formula	C30H30F2N6O3
Application Notes	AMG 510 is a potent (IC50s = 6 nM NCI-H358, 9 nM MIA PaCa-2) covalent KRASG12C inhibitor.^{1,2} It significantly inhibited tumor growth in NCI-H358 and MIA PaCa-2 cell lines as well as CT-26 tumors (mouse syngeneic model) and caused tumor regression at higher doses.¹ AMG 510 improved the efficacy of various other chemotherapeutic agents including inhibitors of HER kinases, EGFR, SHP2, PI3K, AKT, and MEK ^{1,3} and synergized with immune checkpoint reagents¹. FDA approved for use in KRASG12C-positive non-small cell lung cancer. AMG 510 displayed efficacy alone^{4,5} and in combination⁵ with trametinib and/or buparlisib in pancreatic ductal adenocarcinoma cell lines.