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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. <sup>1,2</sup> 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. <sup>1</sup> 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 reagents <sup>1</sup> . FDA approved for use in KRASG12C-positive non-small cell lung cancer. AMG 510 displayed efficacy alone <sup>4,5</sup> and in combination <sup>5</sup> with trametinib and/or buparlisib in pancreatic ductal adenocarcinoma cell lines.