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Product Datasheet

AMG 510, CAS [[2296729-00-3]] FBM-10-3930

Artikelname	AMG 510, CAS [[2296729-00-3]]
Artikelnummer	FBM-10-3930
Hersteller Artikelnummer	10-3930
Alternativnummer	FBM-10-3930-5MG, FBM-10-3930-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Covalent KRASG12C Inhibitor...
Molekulargewicht	560.61
Reinheit	>98% by HPLC , NMR (Conforms)
Formulierung	White solid
CAS Nummer	[2296729-00-3]
Formel	C30H30F2N6O3

Anwendungsbeschreibung	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.
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