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Product Datasheet

MRTX849, CAS [[2326521-71-3]] FBM-10-3928

Article Name	MRTX849, CAS [[2326521-71-3]]
Biozol Catalog Number	FBM-10-3928
Supplier Catalog Number	10-3928
Alternative Catalog Number	FBM-10-3928-5MG, FBM-10-3928-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Covalent KRASG12C inhibitor...
Molecular Weight	604.13
Purity	>98% by HPLC , NMR (Conforms)
Form	White solid
CAS Number	[2326521-71-3]
Formula	C32H35ClFN7O2
Application Notes	MRTX849 is a potent (IC50s = 14 nM NCI-H358, 5 nM MIA PaCa-2) and selective (over 463 proteins 1 µM) covalent KRASG12C inhibitor. ¹ It showed pronounced tumor regression in 17 of 26 KRASG12C-positive cell lines and xenograft models from multiple tumor types. ² MRTX849 reversed the immunosuppressive tumor environment in a genetically modified mouse model and sensitized tumors to checkpoint inhibitor therapy in a genetically modified mouse KRASG12C lung adenocarcinoma model. ³ It reversed ABCB1-mediated multidrug resistance in vitro and in vivo via attenuating ABCB1 efflux in drug-resistant cancer cells. ⁴