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Product Datasheet

MRTX849, CAS [[2326521-71-3]]

FBM-10-3928

Artikelname	MRTX849, CAS [[2326521-71-3]]
Artikelnummer	FBM-10-3928
Hersteller Artikelnummer	10-3928
Alternativnummer	FBM-10-3928-5MG,FBM-10-3928-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Covalent KRASG12C inhibitor...
Molekulargewicht	604.13
Reinheit	>98% by HPLC , NMR (Conforms)
Formulierung	White solid
CAS Nummer	[2326521-71-3]
Formel	C32H35ClFN7O2
Anwendungsbeschreibung	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