

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

RMC-7977, CAS [[2765082-12-8]] FBM-10-3954

Article Name	RMC-7977, CAS [[2765082-12-8]]
Biozol Catalog Number	FBM-10-3954
Supplier Catalog Number	10-3954
Alternative Catalog Number	FBM-10-3954-1MG,FBM-10-3954-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	KRAS inhibitor...
Molecular Weight	865.11
Purity	>98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[2765082-12-8]
Formula	C47H60N8O6S
Application Notes	RMC-7977 is broad spectrum inhibitor of both mutant and wild-type KRAS, NRAS, and HRAS variants. ¹ It binds with high affinity to cyclophilin A (KD = 195 nM) creating a binary complex that has high affinity for the active state of KRAS (KD = 85 nM for G12V). Active in in vivo xenograft models of NSCLC, CRC, and PDAC. ^{1,2,3} RMC-7977 was able to overcome resistance to the KRASG12D selective inhibitor MRTX1133. ¹