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Product Datasheet

BI-3406, CAS [[2230836-55-0]] FBM-10-3956

Artikelname	BI-3406, CAS [[2230836-55-0]]
Artikelnummer	FBM-10-3956
Hersteller Artikelnummer	10-3956
Alternativnummer	FBM-10-3956-5MG,FBM-10-3956-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SOS1 inhibitor...
Molekulargewicht	462.47
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[2230836-55-0]
Formel	C23H25F3N4O3
Anwendungsbeschreibung	BI-3406 is a potent (IC ₅₀ = 5 nM), selective, and orally bioavailable SOS1 inhibitor. ¹ It blocks SOS1 interaction with KRAS preventing activation of KRAS. BI-3406 was active against multiple cancer cell types and xenograft models harboring various KRAS mutant alleles including G12C,V,S,A,and G13D. It displayed strong synergistic effects with the MEK inhibitor trametinib ^{1,2} and this combination was able to overcome resistance to the KRAS inhibitors sotorasib and adagrasib ³ . BI-3406 acted synergistically with the KRAS inhibitor adagrasib in KRAS G12C mutant lung and colorectal cancer models. ⁴