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## Product Datasheet

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

Article Name	BI-3406, CAS [[2230836-55-0]]
Biozol Catalog Number	FBM-10-3956
Supplier Catalog Number	10-3956
Alternative Catalog Number	FBM-10-3956-5MG,FBM-10-3956-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SOS1 inhibitor...
Molecular Weight	462.47
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2230836-55-0]
Formula	C23H25F3N4O3
Application Notes	<p>BI-3406 is a potent (IC<sub>50</sub> = 5 nM), selective, and orally bioavailable SOS1 inhibitor.<sup>1</sup> 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<sup>1,2</sup> and this combination was able to overcome resistance to the KRAS inhibitors sotorasib and adagrasib<sup>3</sup>. BI-3406 acted synergistically with the KRAS inhibitor adagrasib in KRAS G12C mutant lung and colorectal cancer models.<sup>4</sup></p>