

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

Avutometinib, CAS [[946128-88-7]] FBM-10-4112

Artikelname	Avutometinib, CAS [[946128-88-7]]
Artikelnummer	FBM-10-4112
Hersteller Artikelnummer	10-4112
Alternativnummer	FBM-10-4112-5MG,FBM-10-4112-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Dual MEK/RAF inhibitor...
Molekulargewicht	471.46
Reinheit	>98% by HPLC (NMR Conforms)
Formulierung	White solid
CAS Nummer	[946128-88-7]
Formel	C21H18FN5O5S

Anwendungsbeschreibung	Avutometinib is a dual MEK/RAF inhibitor (IC50s: MEK = 160 nM, CRAF = 56 nM, BRAF = 19 nM, BRAF V600E = 8nM).¹ It directly inhibits unphosphorylated MEK without causing induction of MEK phosphorylation by RAF. The avutemetinib-MEK adduct is a dominant-negative inhibitor of RAF, stabilizing the MEK/RAF complex and locking in an inactive form. Avutometinib displayed efficacy across multiple RAS-mutated cancer cell lines and an SK-MEL-2 xenograft model.² It displayed synergistic effects with eribulin against triple-negative breast cancer cell lines.³ Avutometinib also displayed efficacy in combination with the FAK inhibitor Defactinib in KRAS-mutated NSCLC cells.⁴
------------------------	--