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Product Datasheet

Alpelisib, CAS [[1217486-61-7]] FBM-10-4167

Article Name	Alpelisib, CAS [[1217486-61-7]]
Biozol Catalog Number	FBM-10-4167
Supplier Catalog Number	10-4167
Alternative Catalog Number	FBM-10-4167-5MG,FBM-10-4167-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PI3K inhibitor...
Molecular Weight	441.47
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1217486-61-7]
Formula	C ₁₉ H ₂₂ F ₃ N ₅ O ₂ S
Application Notes	Alpelisib is a potent and selective (IC ₅₀ s = 7.4 nM PI3K α , 2.2 μ M PI3K β , 1.2 μ M PI3K δ , 50-fold selectivity against 442 tested kinases) PI3K α inhibitor. ¹ Approved for use in the treatment of HR(+), HER2(-), PIK3CA-mutated breast cancer. Alpelisib has been used in combination with various chemotherapeutics to treat ovarian ² , colorectal ³ , kidney ⁴ , bladder ⁵ , and head and neck ⁶ cancers.