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Product Datasheet

Buparlisib, CAS [[944396-07-0]] FBM-10-4325

Article Name	Buparlisib, CAS [[944396-07-0]]
Biozol Catalog Number	FBM-10-4325
Supplier Catalog Number	10-4325
Alternative Catalog Number	FBM-10-4325-5MG,FBM-10-4325-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PI3-kinase inhibitor...
Molecular Weight	410.39
Purity	99% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[944396-07-0]
Formula	C18H21F3N6O2
Application Notes	Potent pan-Class I PI3-kinase inhibitor (IC50s: p110alpha = 52 nM, p110β = 166 nM, p110delta = 116 nM. P110g = 262 nM). ^{1,2} It inhibited microtubule dynamics at in vitro concentrations >1μM and doses above 50mg/kg in mice. ³ Buparlisib lead to a precipitous drop in DNA synthesis in a mouse model of BRCA1-linked triple-negative breast cancer with less affect in normal tissue. ⁴