

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

AZD8055, CAS [[1009298-09-2]] **FBM-10-4816**

Article Name	AZD8055, CAS [[1009298-09-2]]
Biozol Catalog Number	FBM-10-4816
Supplier Catalog Number	10-4816
Alternative Catalog Number	FBM-10-4816-10MG,FBM-10-4816-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	mTOR kinase inhibitor...
Molecular Weight	465.54
Purity	99% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1009298-09-2]
Formula	C ₂₅ H ₃₁ N ₅ O ₄
Application Notes	AZD8055 is a potent and highly selective inhibitor of mammalian target of rapamycin kinase (mTOR) kinase (IC ₅₀ = 0.8 nM). ^{1,2} mTOR acts as a nutrient/energy/redox sensor and a controller of protein synthesis - as such it is a very important target for cancer research. It has been investigated as a potential chemotherapeutic for various cancers. ³⁻⁷