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## 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 <sub>25</sub> H <sub>31</sub> N <sub>5</sub> O <sub>4</sub>
Application Notes	AZD8055 is a potent and highly selective inhibitor of mammalian target of rapamycin kinase (mTOR) kinase (IC <sub>50</sub> = 0.8 nM). <sup>1,2</sup> 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. <sup>3-7</sup>