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## Product Datasheet

### **MK-2206, CAS [[1032350-13-2]] FBM-10-4801**

Article Name	MK-2206, CAS [[1032350-13-2]]
Biozol Catalog Number	FBM-10-4801
Supplier Catalog Number	10-4801
Alternative Catalog Number	FBM-10-4801-5MG, FBM-10-4801-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Potent and selective AKT inhibitor...
Molecular Weight	480.39
Purity	98% by HPLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[1032350-13-2]
Formula	C <sub>25</sub> H <sub>21</sub> N <sub>5</sub> O <sub>2</sub> HCl
Application Notes	MK-2206 is a potent and selective allosteric inhibitor of Akt (IC <sub>50</sub> s: Akt1 = 5 nM, Akt2 = 12 nM, Akt3 = 65 nM) that enhances the in vitro and in vivo antitumor efficacy of several standard chemotherapeutic agents. <sup>1</sup> It was able to decrease insulin-stimulated glucose uptake, glycogen synthesis and glycogen synthase activity in rat muscle. <sup>2</sup> MK-2206 induced G1-phase cycle arrest and sensitized HepG2 hepatocellular carcinoma cells to TRAIL-induced apoptosis. <sup>3</sup>