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## Product Datasheet

### **E-64d, CAS [[88321-09-9]]** **FBM-10-1347**

Article Name	E-64d, CAS [[88321-09-9]]
Biozol Catalog Number	FBM-10-1347
Supplier Catalog Number	10-1347
Alternative Catalog Number	FBM-10-1347-1MG, FBM-10-1347-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cysteine protease inhibitor...
Molecular Weight	342.43
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[88321-09-9]
Formula	C17H30N2O5
Application Notes	Cell-permeable derivative of E-64c, an inhibitor of calpain and other cysteine proteases, such as papain, cathepsin B and cathepsin L.1,2 Addition to cell cultures should be done in serum-free media as esterases in serum will cleave the ethyl ester and reduce cell permeability. Typical working concentration is 0.5-10 µg/ml. Inhibits degradation of autophagic cargo inside autolysosomes <sup>3</sup>