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## Product Datasheet

### Leu-Leu-OMe HBr, CAS [[16689-14-8]] FBM-10-3220

Article Name	Leu-Leu-OMe HBr, CAS [[16689-14-8]]
Biozol Catalog Number	FBM-10-3220
Supplier Catalog Number	10-3220
Alternative Catalog Number	FBM-10-3220-20MG,FBM-10-3220-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Lysosomal damaging agent...
Molecular Weight	339.27
Purity	98% by HPLC NMr (Conforms)
Form	White solid
CAS Number	[16689-14-8]
Formula	C13H26N2O3 HBr
Application Notes	Leu-Leu-OMe is a lysosomal damaging agent (lysosomotropic). It is condensed into a membranolytic polymer via the transpeptidase action of cathepsin C within lysosomes. <sup>1,2</sup> May be used to induce a lysosomal damage model in cells. <sup>3,4</sup> LLOMe-induced lysosomal damage elicits ubiquitin puncta formation on lysosomes <sup>1</sup> . Induces apoptosis in human mast cells via lysosome destabilization leaving fibroblasts and HEK-293 cells largely resistant <sup>5</sup> . Induces lysophagy. <sup>4</sup>