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Product Datasheet

Urolithin A, CAS [[1143-70-0]] FBM-10-3722

Article Name	Urolithin A, CAS [[1143-70-0]]
Biozol Catalog Number	FBM-10-3722
Supplier Catalog Number	10-3722
Alternative Catalog Number	FBM-10-3722-50MG, FBM-10-3722-1G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitophagy inducer...
Molecular Weight	228.20
Purity	>98% by HPLC NMR (Conforms)
Form	Pale-yellow solid
CAS Number	[1143-70-0]
Formula	C13H8O4
Application Notes	Microbial metabolite of dietary ellagitannins produced in the gut. ¹ It has been shown to induce mitophagy and prolong lifespan in <i>C. elegans</i> and increase muscle function in rodents. ² It promotes mitophagy and suppresses NLRP3 inflammasome activation in LPS-induced BV2 microglial cells and in an MPTP-induced Parkinsons disease model. ³ The pro-mitophagy activity of UA may be beneficial in Alzheimers disease. ⁴ Ex vivo UA-treated T cells display improved anti-tumor function. ⁵