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Product Datasheet

2,3-dihydroxy-3-methylbutanoic acid, CAS [[1756-18-9]] BYT-ORB1302229

Article Name	2,3-dihydroxy-3-methylbutanoic acid, CAS [[1756-18-9]]
Biozol Catalog Number	BYT-ORB1302229
Supplier Catalog Number	orb1302229
Alternative Catalog Number	BYT-ORB1302229-1,BYT-ORB1302229-2,BYT-ORB1302229-5,BYT-ORB1302229-10,BYT-ORB1302229-25,BYT-ORB1302229-50,BYT-ORB1302229-100,BYT-ORB1302229-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	2,3-Dihydroxy-3-methylbutanoic acid, a leucine metabolite, activates the mTOR pathway to stimulate muscle protein synthesis and inhibit proteolysis. This mechanism supports its investigation in exercise physiology, sports nutrition, and muscle atroph...
Molecular Weight	134.1305
Purity	99.03% (May vary between batches)
CAS Number	[1756-18-9]
Formula	C5H10O4
Target	Endogenous Metabolite,Others
Application Notes	Solubility: DMSO:55 mg/mL (410.05 mM)