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Product Datasheet

Trimetazidine, CAS [[5011-34-7]] BYT-ORB3027362

Article Name	Trimetazidine, CAS [[5011-34-7]]
Biozol Catalog Number	BYT-ORB3027362
Supplier Catalog Number	orb3027362
Alternative Catalog Number	BYT-ORB3027362-1, BYT-ORB3027362-10, BYT-ORB3027362-25, BYT-ORB3027362-5, BYT-ORB3027362-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Trimetazidine is a non-haemodynamic antianginal agent that selectively inhibits the mitochondrial enzyme 3-ketoacyl coenzyme A thiolase (LC 3-KAT), thereby preventing beta-oxidation of free fatty acids, with an IC50 value of 75 nM. Trimetazidine prev...
Molecular Weight	266.34
Purity	99.90% (May vary between batches)
CAS Number	[5011-34-7]
Formula	C14H22N2O3
Target	Mitochondrial Metabolism,Others,Antioxidant,Autophagy
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (12.39 mM),DMSO:85 mg/mL (319.14 mM)