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## Product Datasheet

### Artesunate, CAS [[88495-63-0]]

### FBM-10-2411

Article Name	Artesunate, CAS [[88495-63-0]]
Biozol Catalog Number	FBM-10-2411
Supplier Catalog Number	10-2411
Alternative Catalog Number	FBM-10-2411-100MG, FBM-10-2411-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Kills cancer stem cells / Depolarizes mitochondria...
Molecular Weight	384.42
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[88495-63-0]
Formula	C19H28O8
Application Notes	A semisynthetic derivative of the natural product artemisinin which is clinically useful for treatment of malaria and other parasitic diseases. Depolarizes mitochondrial the membrane via generation of reactive oxygen species which disrupt the electron transport chain. <sup>1</sup> Generation of mitochondrial ROS is dependent on RIP1. <sup>2</sup> Inhibits TNFalpha-induced production of proinflammatory cytokines in human RA fibroblast-like synoviocytes. <sup>3</sup> Displays cytotoxicity against a variety of cancer cells <sup>4</sup> and cancer stem cells <sup>5</sup> .