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## Product Datasheet

### alpha-Mangostin, CAS [[6147-11-1]] FBM-10-3433

Article Name	alpha-Mangostin, CAS [[6147-11-1]]
Biozol Catalog Number	FBM-10-3433
Supplier Catalog Number	10-3433
Alternative Catalog Number	FBM-10-3433-10MG, FBM-10-3433-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	STING agonist (human)...
Molecular Weight	410.46
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[6147-11-1]
Formula	C24H26O6
Application Notes	alpha-Mangostin is a xanthone natural product that has historically been used in traditional folk medicine. <sup>1</sup> It is a potent agonist of human STING (Stimulator of Interferon Genes) and also weakly activates mouse STING. <sup>2</sup> Induces IFN- production and repolarizes human monocyte-derived M2 macrophages to M1. Improves insulin secretion and protects INS-1 cells from streptozotocin-induced damage. <sup>3</sup> Suppresses the metastasis of human renal carcinoma cells. <sup>4</sup> Synergizes with kinase inhibitors in suppression of proliferation of SK-MEL-2 malignant melanoma cells. <sup>5</sup>