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## Product Datasheet

### **Punicalagin, CAS [[65995-63-3]] FBM-10-4583**

Article Name	Punicalagin, CAS [[65995-63-3]]
Biozol Catalog Number	FBM-10-4583
Supplier Catalog Number	10-4583
Alternative Catalog Number	FBM-10-4583-1MG,FBM-10-4583-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Anti-inflammatory / antioxidant / anti-tumor agent...
Molecular Weight	1084.72
Purity	98% by TLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[65995-63-3]
Formula	C48H28O30
Application Notes	Punicalagin is a polyphenolic compound isolated from pomegranates possessing antioxidant, anti-inflammatory, and antitumorigenic properties. <sup>1,2</sup> It has been shown to reduce high glucose-induced neural tube defects by blocking cellular stress and caspase activation. <sup>3</sup> Punicalagin prevented high-fat diet induced obesity associated accumulation of cardiac triglyceride and cholesterol as well as myocardial damage via AMPK mediated modulation of mitochondria and phase II enzymes. <sup>4</sup>