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Product Datasheet

Anacardic acid, CAS [[16611-84-0]]

FBM-10-4015

Article Name	Anacardic acid, CAS [[16611-84-0]]
Biozol Catalog Number	FBM-10-4015
Supplier Catalog Number	10-4015
Alternative Catalog Number	FBM-10-4015-5MG,FBM-10-4015-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HAT inhibitor...
Molecular Weight	348.52
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[16611-84-0]
Formula	C ₂₂ H ₃₆ O ₃
Application Notes	Anacardic acid is a natural product found in cashew nut oil. It is an inhibitor of the histone acetyltransferases p300 and PCAF (IC ₅₀ s = 8.5 and 5.0 μM respectively). ¹ Anacardic acid sensitizes cancer cells to ionizing radiation ² and suppresses proteins involved in invasion and angiogenesis (Src/FAK/Rho GTPases ³ and MMPs 2 (IC ₅₀ = 11.11 μM) ⁴ and 9). It inhibits both inducible and constitutive NF-κappaB activation. ⁵