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Product Datasheet

BMS-303141 **FBM-10-1414**

Article Name	BMS-303141
Biozol Catalog Number	FBM-10-1414
Supplier Catalog Number	10-1414
Alternative Catalog Number	FBM-10-1414-5MG,FBM-10-1414-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ATP citrate lyase (ACL) inhibitor...
Molecular Weight	424.30
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[943962-47-8]
Formula	C ₁₉ H ₁₅ Cl ₂ N ₄ O ₅
Application Notes	Potent and selective ATP citrate lyase (ACL) inhibitor, IC ₅₀ =0.13 M. Inhibits lipid biosynthesis, IC ₅₀ =8 M in HepG2 cells. ^{1,2} Reduces weight gain, lowers plasma cholesterol, triglycerides and glucose in high-fat-fed mice. ² A novel tool compound for exploring the potential of ACL inhibition as a target for metabolic disorders such as obesity and dyslipidemia. ² Impairs proliferation or induces death in androgen-depleted castration resistant prostate cancer cells. ³ Reduces cell cycle progression in iBN cells. ⁴