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Product Datasheet

NLRP3i, CAS [[16673-34-0]]

FBM-10-3672

Article Name	NLRP3i, CAS [[16673-34-0]]
Biozol Catalog Number	FBM-10-3672
Supplier Catalog Number	10-3672
Alternative Catalog Number	FBM-10-3672-20MG, FBM-10-3672-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NLRP3 inflammasome inhibitor...
Molecular Weight	368.84
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[16673-34-0]
Formula	C16H17CIN2O4S
Application Notes	NLRP3 inflammasome inhibitor which likely acts via interfering with the formation of the NLRP3 inflammasome complex and which exhibits promising in vivo protective activities in mouse acute myocardial infarction models. It blocks ASC aggregation, blocks the release of IL-1 and the activation of caspase-1 in macrophages expressing constitutively active NLRP3 but does not directly inhibit caspase-1,1,2. Limits infarct size after myocardial ischemia-reperfusion as well as leukocyte infiltration in a peritonitis model in mice. ²