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Product Datasheet

MCC950, CAS [[210826-40-7]] FBM-10-2990

Article Name	MCC950, CAS [[210826-40-7]]
Biozol Catalog Number	FBM-10-2990
Supplier Catalog Number	10-2990
Alternative Catalog Number	FBM-10-2990-5MG, FBM-10-2990-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NLRP3 inflammasome inhibitor...
Molecular Weight	426.46
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[210826-40-7]
Formula	C20H23N2O5S Na
Application Notes	MCC950 was originally found to act as a cytokine release inhibitory drug (CRID), arresting activated monocytes and preventing activation of caspase-11. Discovered to be a novel inhibitor of the NLRP3 and AIM2 inflammasomes ² . Blocks canonical and noncanonical NLRP3 activation at nanomolar concentrations ³ . Inhibits interleukin 1beta (IL-1beta) secretion in vivo and attenuates the severity of experimental autoimmune encephalomyelitis (an MS disease model) ³ . Disrupts the interaction between AIM2 and ASC in a reconstituted cell-free inflammasome ⁴ . A valuable new tool for exploring the pathophysiology of NLRP3.