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Product Datasheet

MCC950, CAS [[210826-40-7]]

FBM-10-2990

Artikelname	MCC950, CAS [[210826-40-7]]
Artikelnummer	FBM-10-2990
Hersteller Artikelnummer	10-2990
Alternativnummer	FBM-10-2990-5MG, FBM-10-2990-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	NLRP3 inflammasome inhibitor...
Molekulargewicht	426.46
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[210826-40-7]
Formel	C20H23N2O5S Na
Anwendungsbeschreibung	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 inflammasomes². Blocks canonical and noncanonical NLRP3 activation at nanomolar concentrations³. 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 inflammasome⁴. A valuable new tool for exploring the pathophysiology of NLRP3.