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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	C <sub>20</sub> H <sub>23</sub> N <sub>2</sub> O <sub>5</sub> Na
Anwendungsbeschreibung	<p>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<sup>2</sup>. Blocks canonical and noncanonical NLRP3 activation at nanomolar concentrations<sup>3</sup>. Inhibits interleukin 1beta (IL-1beta) secretion in vivo and attenuates the severity of experimental autoimmune encephalomyelitis (an MS disease model)<sup>3</sup>. Disrupts the interaction between AIM2 and ASC in a reconstituted cell-free inflammasome<sup>4</sup>. A valuable new tool for exploring the pathophysiology of NLRP3.</p>