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DATASHEET

MCC950 sodium salt

Product overview

Name	MCC950 sodium salt
Cat No	HB4636
Purity	>98%
Description	Potent, selective NLRP3 inflammasome inhibitor

Biological Data

Biological description	Potent, selective and orally available NLRP3 inflammasome inhibitor. Blocks the release of IL-1beta in macrophages primed with LPS and activated with ATP or nigericin, but it does not inhibit NLRP1, NLR4, AIM2, TLR2 signaling or priming of NLRP3. Prevents oligomerization of ASC in cells stimulated with LPS and nigericin. Active in vivo, blocking the production of IL-1beta and enhancing survival in mouse models of multiple sclerosis and cryopyrin-associated periodic syndrome (CAPS). Also active in ex vivo samples from individuals with Muckle-Wells syndrome. Potential therapeutic agent for NLRP3-associated syndromes, including autoinflammatory and autoimmune diseases.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	1-(1,2,3,5,6,7-Hexahydro- s-indacen-4-yl)-3-[4-(1-hydroxy-1-methyl-ethyl)-furan-2-sulfonyl]urea
Molecular Weight	426.5
Chemical structure	
Molecular Formula	C ₂₀ H ₂₃ N ₂ O ₅ SNa
CAS Number	256373-96-3
InChiKey	SNIGCXULUAXYGW-UHFFFAOYSA-N
Appearance	Crystalline solid