Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



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, NLRC4, 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.

Solubility & Handling

Storage instructions +4°0

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

1-(1,2,3,5,6,7-Hexahydro- s-indacen-4-yl)-3-[4-(1-hydroxy-1-methyl-ethyl)-furan-2-sulfonyl]urea

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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
Molecular Weight
Chemical structure

 Molecular Formula
 C₂₀H₂₃N₂O₅SNa

 CAS Number
 256373-96-3

InChiKey SNIGCXULUAXYGW-UHFFFAOYSA-N

426.5

Appearance Crystalline solid