

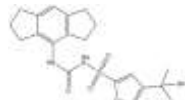
PRODUCT: MCC950 Sodium**RELATED PRODUCTS:**Isoliquiritigenin (**2528**)Nigericin Sodium Salt (**2096**)

ALTERNATE NAME: N-[[[(1,2,3,5,6,7-Hexahydro-s-indacen-4-yl)amino]carbonyl]-4-(1-hydroxy-1-methylethyl)-2-furansulfonamide sodium salt; CP-456,773; CRID3

CATALOG #: 9686-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₂₃N₂NaO₅S

MOLECULAR WEIGHT: 426.46

CAS NUMBER: 256373-96-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>35 mg/ml) or H₂O (>30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: MCC950 sodium is a potent and selective NLRP3 inflammasome inhibitor. It blocks the release of IL-1β 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. Also glutathione S-transferase omega 1 inhibitor. Potential therapeutic agent for NLRP3-associated syndromes, including autoinflammatory and autoimmune diseases.

REFERENCES: Shinohara, C., *et al.* (2000). *J. Antibiot.* **53**, 262-268.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**