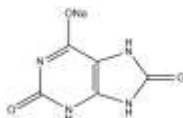


PRODUCT: Monosodium Urate (Crystals)**ALTERNATE NAME:** 2,6,8-Trihydroxypurine, Sodium acid urate; monosodium urate; MSU**CATALOG #:** 9689-2**AMOUNT:** 2 mg**STRUCTURE:****MOLECULAR FORMULA:** $C_5H_3N_4NaO_3$ **MOLECULAR WEIGHT:** 190.09**CAS NUMBER:** 1198-77-2**APPEARANCE:** Crystalline solid**SOLUBILITY:** 1 M NaOH (25 mg/ml) or PBS (Note: The solution may appear as a slightly hazy suspension)**PURITY:** N/A**STORAGE:** Store at -20°C. Protect from air and moisture**DESCRIPTION:** Monosodium Urate (MSU) is a NLRP3/NALP3 inflammasome activator. Stimulates the caspase-1 activating NLRP3/NALP3 (cryopyrin) inflammasome, resulting in the production of active IL-1 β and IL-18. Specially crystallized and tested for biological activity.**REFERENCES:** Martinon, F., *et al.* (2006). *Nature* **440**, 237-241.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Isoliquiritigenin (**2528**)MCC950 Sodium (**9686**)Nigercin Sodium (**2096**)Uric Acid Sodium (**9689**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**