# Monosodium urate (crystals)

## NLRP3 inflammasome activator

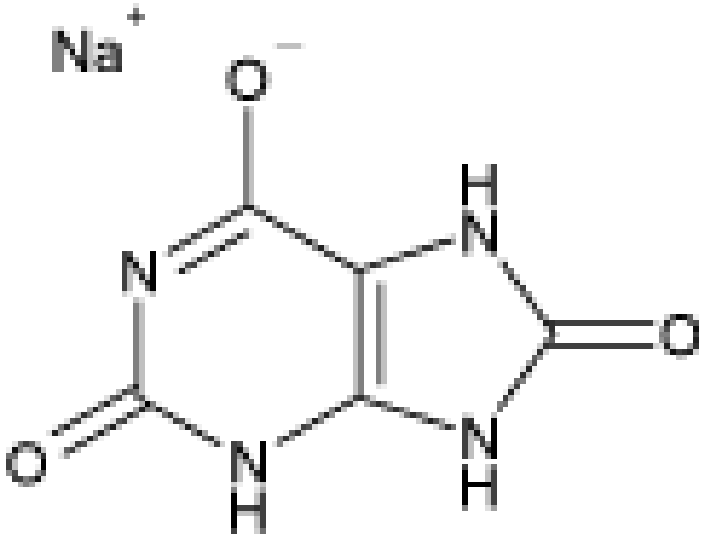
NLRP3/NALP3 inflammasome activator. Stimulates the caspase-1 activating NLRP3/NALP3 inflammasome, resulting in the production of active IL-1β and IL-18.

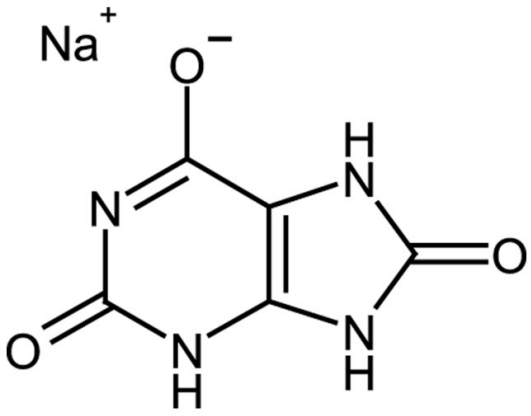
**Citations:** 13 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-400-047-M002** | 2mg |

## Manuals, SDS & CofA View Online »


Na+
O−
N
H
N
O
O
N
H
N


Na+
O−
N
H
N
O
O
N
H
N

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Handling** | Vortex before use. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | MSU (crystals), Uric Acid (crystals) |
| **Appearance** | White to off white solid. |
| **CAS** | 1198-77-2 |
| **Couple Target** | Inflammasome |
| **Couple Type** | Activator |
| **Formula** | $C_5H_3N_4O_3$ . Na |
| **Identity** | Determined by IR. |
| **MW** | 190.1 |
| **RTECS** | YU7062000 |
| **Solubility** | Soluble in PBS or 1M NaOH (25 mg/ml). Solution may appear as a slightly hazy suspension. |

**Last modified: May 29, 2024**

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.