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# DATASHEET

## Monosodium urate (ready-to-use)

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### Product overview

<b>Name</b>	Monosodium urate (ready-to-use)
<b>Cat No</b>	HB3981
<b>Description</b>	NLRP3/NALP3 inflammasome activator

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### Biological Data

<b>Biological description</b>	NLRP3/NALP3 inflammasome activator. Specially crystallized and tested for biological activity. Stimulates the caspase-1 activating NLRP3/NALP3 inflammasome, resulting in the production of active IL-1beta and IL-18.
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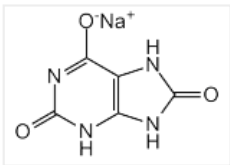
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### Solubility & Handling

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

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### Chemical Data

<b>Molecular Weight</b>	190.1
<b>Chemical structure</b>	 The chemical structure shows a purine ring system with a sodium ion (Na+) coordinated to the oxygen at the 6-position. The structure is a zwitterion with a positive charge on the sodium ion and a negative charge on the oxygen atom.
<b>CAS Number</b>	1198-77-2
<b>PubChem identifier</b>	0
<b>SMILES</b>	[Na+].[O-]c1[nH]c2C(=O)NC(=O)Nc2n1
<b>InChiKey</b>	NAFSTSRULRIERK-UHFFFAOYSA-M
<b>Appearance</b>	Liquid

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