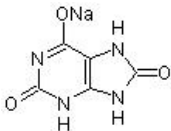


Product datasheet

Monosodium urate, Pro-inflammatory agent ab144305

Overview

Product name	Monosodium urate, Pro-inflammatory agent
Description	Pro-inflammatory agent
Biological description	Pro-inflammatory agent. induces Syk and PI3K activation. Induces phagocytosis, and IL-1 β production. Activates TRPV1 and induces mast cell degranulation. Induces inflammation and algescic effects <i>in vivo</i> .
CAS Number	1198-77-2
Chemical structure	

Properties

Chemical name	2,8-Dioxo-3,7,8,9-tetrahydro-2H-purin-6-olate sodium salt
Molecular weight	190.09
Molecular formula	C ₅ H ₃ N ₄ NaO ₃
PubChem identifier	23697816
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 N NaOH to 25 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	O=C1NC=2NC(=O)N=C(O[Na])C=2N1
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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