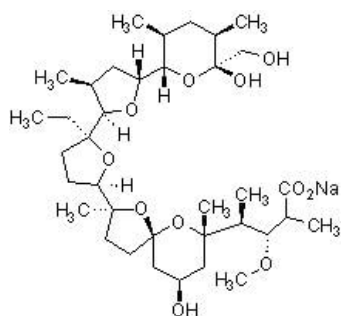


Monensin sodium salt, Na⁺ ionophore ab120499

8 References **1 图像**

概述

产品名称	Monensin sodium salt, Na ⁺ ionophore
描述	Na ⁺ ionophore
生物学描述	Na ⁺ ionophore. Forms lipophilic complexes with monovalent cations to induce Na ⁺ influx and H ⁺ /K ⁺ efflux. Increases intracellular Ca ²⁺ levels. Exhibits diverse biological actions; displays antibacterial properties and modulates ion gradients and intracellular pH. Apoptosis inducer.
CAS编号	22373-78-0
化学结构	

性能

化学名称	4-[2-[5-Ethyl-5-[5-[6-hydroxy-6-(hydroxymethyl)-3,5-dimethyloxan-2-yl]-3-methyloxolan-2-yl]oxolan-2-yl]-9-hydroxy-2,8-dimethyl-1,6-dioxaspiro[4.5]dec-7-yl]-3-methoxy-2-methylpentanoic acid sodium salt
分子量	692.86
分子式	C ₃₆ H ₆₁ NaO ₁₁
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in ethanol to 100 mM
处理	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. Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

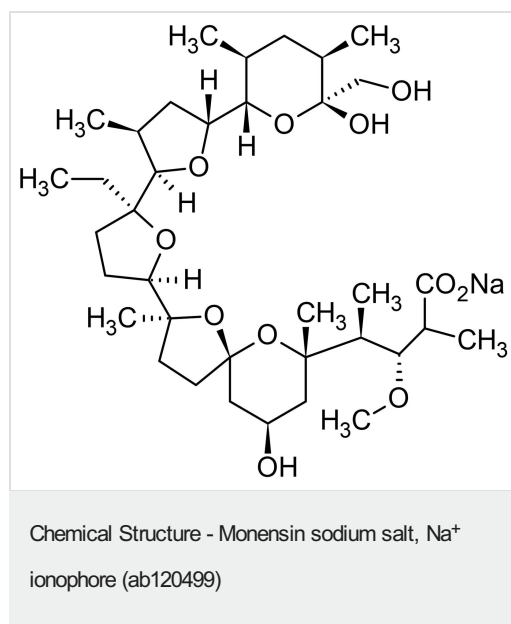
SMILES

```
OC[C@]1(O)O[C@@H]([C@@H](C)C[C@H]1C)[C@H]2C[C@H](C)[C@@H](O2)
[C@]3(CC)CC[C@@H](O3)[C@]5(C)CC[C@]4(C[C@H](O)C[C@](C)(O4)[C@@H](C)[C@@H]
(OC)C(C)C(=O)O)O5
```

来源

Streptomyces cinnamomensis

图片



2D chemical structure image of ab120499, Monensin sodium salt, Na⁺ ionophore

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team