

Ouabain octahydrate, Na⁺/K⁺ ATPase inhibitor ab120748

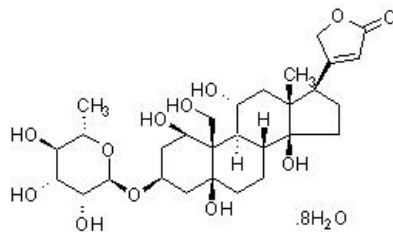
1 References [画像数 1](#)

製品の概要

製品名	Ouabain octahydrate, Na ⁺ /K ⁺ ATPase inhibitor
製品の詳細	Na ⁺ /K ⁺ ATPase inhibitor
生理活性の詳細	Na ⁺ /K ⁺ ATPase inhibitor (K _i = 30 μM). Cardiac glycoside. Stimulates activity at low nanomolar concentrations in rats. Improves cardiac function in myocardial infarction rats. Centrally active following oral administration.
精製度	> 97%
特記事項	It has been reported that an aqueous solution of this material stored overnight in a borosilicate glass vial leads to the formation of ouabain-borate complexes. It is therefore recommended that this material is stored in a plastic vial and any contact with borosilicate glass is minimised.

CAS 番号 11018-89-6

構造式



製品の特性

体系名	(1β,3β,5β,11α)-3-[(6-Deoxy-α-L-mannopyranosyl)oxy]-1,5,11,14,19-pentahydroxycard-20(22)-enolide
分子量	728.78
分子式	C ₂₉ H ₄₄ O ₁₂ ·8H ₂ O
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 100 mM, in ethanol to 10 mM and in water to 10 mM.
使用に関する注意	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

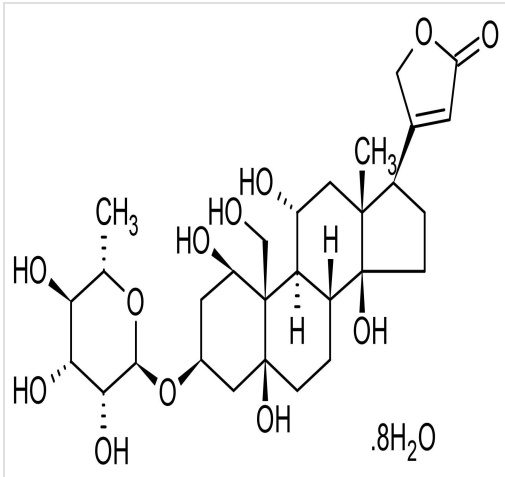
prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

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.

由来 *ripe seeds of African plants Strophanthus gratus and the bark of Acokanthera ouabaio*

画像



2D chemical structure image of ab120748, Ouabain octahydrate, Na⁺/K⁺ ATPase inhibitor

Chemical Structure - Ouabain octahydrate, Na⁺/K⁺ ATPase inhibitor (ab120748)

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.co.jp/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