



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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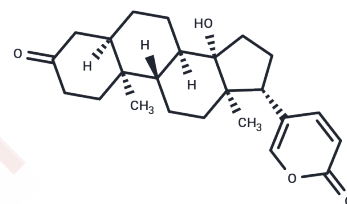
[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 3-Oxo-bufalin

## Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 4029-65-6                                                |
| Formula:          | C <sub>24</sub> H <sub>32</sub> O <sub>4</sub>           |
| Molecular Weight: | 384.51                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|             |                                                                                                                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | 3-Oxo-bufalin is an active compound isolated from cultured toad liver tissues. It is produced via metabolic pathways as a stereoselectively distinct metabolite of Bufalin, catalyzed by the enzyme 3 $\beta$ -dehydrogenase. Bufalin acts as an inhibitor of Na <sup>+</sup> /K <sup>+</sup> -ATPase and possesses antitumor activity. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6007 mL | 13.0036 mL | 26.0071 mL |
| 5 mM  | 0.5201 mL | 2.6007 mL  | 5.2014 mL  |
| 10 mM | 0.2601 mL | 1.3004 mL  | 2.6007 mL  |
| 50 mM | 0.052 mL  | 0.2601 mL  | 0.5201 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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