



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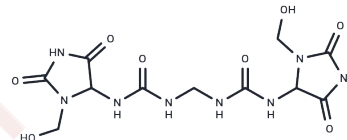
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Imidazolidinyl urea

## Chemical Properties

CAS No. : 39236-46-9  
Formula: C<sub>11</sub>H<sub>16</sub>N<sub>8</sub>O<sub>8</sub>  
Molecular Weight: 388.29  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                    |
|---------------|------------------------------------------------------------------------------------|
| Description   | Imidazolidinyl urea (Imidurea) is an antimicrobial preservative used in cosmetics. |
| Targets(IC50) | Antibacterial,Antibiotic                                                           |

## Solubility Information

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 55 mg/mL (141.65 mM),<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.5754 mL | 12.877 mL | 25.7539 mL |
| 5 mM  | 0.5151 mL | 2.5754 mL | 5.1508 mL  |
| 10 mM | 0.2575 mL | 1.2877 mL | 2.5754 mL  |
| 50 mM | 0.0515 mL | 0.2575 mL | 0.5151 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.

## Reference

Lehmann SV,et al.Contact Dermatitis,2006, 54 (1): 50-58.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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