



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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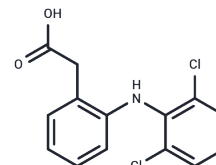
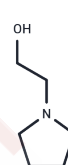
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Diclofenac Epolamine

## Chemical Properties

CAS No. : 119623-66-4  
 Formula: C<sub>20</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 411.32  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Description   | Diclofenac Epolamine (DHEP) is a non-steroidal anti-inflammatory agent (NSAID) with analgesic and antipyretic actions. |
| Targets(IC50) | Others                                                                                                                 |

## Solubility Information

|            |                                                                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solubility | Ethanol: 80 mg/ml (194.49 mM)<br>DMSO: 80 mg/ml (194.49 mM)<br>H <sub>2</sub> O: 80 mg/ml (194.49 mM)<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 2.4312 mL | 12.156 mL | 24.312 mL |
| 5 mM  | 0.4862 mL | 2.4312 mL | 4.8624 mL |
| 10 mM | 0.2431 mL | 1.2156 mL | 2.4312 mL |
| 50 mM | 0.0486 mL | 0.2431 mL | 0.4862 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

Affaitati G, et al. Diclofenac epolamine topical patch for the treatment of pain. J Biol Regul Homeost Agents.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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