



# 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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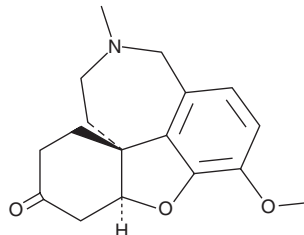
# PRODUCT INFORMATION



## Dihydronarwedine

Item No. 35409

**CAS Registry No.:** 21041-10-1  
**Formal Name:** 4aS,5,7,8aR,9,10,11,12-octahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-one  
**Synonyms:** (-)-Dihydrogalanthaminone, (-)-Lycoraminone  
**MF:** C<sub>17</sub>H<sub>21</sub>NO<sub>3</sub>  
**FW:** 287.4  
**Purity:** ≥90%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥4 years  
**Item Origin:** Synthetic



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

Dihydronarwedine is supplied as a solid. A stock solution may be made by dissolving the dihydronarwedine in the solvent of choice, which should be purged with an inert gas. Dihydronarwedine is soluble in chloroform and DMSO.

### Description

Dihydroarwedine is an alkaloid that has been found in *N. pseudonarcissus* and an inhibitor of glycogen synthase kinase 3β (GSK3β).<sup>1</sup> It inhibits recombinant human GSK3β by 39% when used at a concentration of 10 μM.

### Reference

1. Hulcová, D., Maříková, J., Korábečný, J., *et al.* Amaryllidaceae alkaloids from *Narcissus pseudonarcissus* L. cv. Dutch Master as potential drugs in treatment of Alzheimer's disease. *Phytochemistry* **165**, 112055 (2019).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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