



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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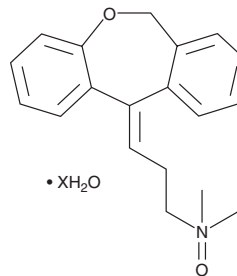
# PRODUCT INFORMATION



## Doxepin N-oxide (hydrate)

Item No. 9002302

**Formal Name:** 3-dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine, N-oxide, hydrate  
**MF:** C<sub>19</sub>H<sub>21</sub>NO<sub>2</sub> • XH<sub>2</sub>O  
**FW:** 295.4  
**Purity:** ≥95%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥4 years



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

### Laboratory Procedures

Doxepin N-oxide (hydrate) is supplied as a solid. A stock solution may be made by dissolving the doxepin N-oxide (hydrate) in the solvent of choice, which should be purged with an inert gas. Doxepin N-oxide (hydrate) is slightly soluble in chloroform and methanol.

### Description

Doxepin N-oxide is a metabolite of the tricyclic antidepressant doxepin (Item No. 15888).<sup>1</sup> It is also a photodegradation product of doxepin.<sup>2</sup>

### References

1. Maurer, H. and Pflieger, K. Screening procedure for detection of antidepressants and their metabolites in urine using a computerized gas chromatographic--Mass spectrometric technique. *J. Chromatogr.* **305(2)**, 309-323 (1984).
2. Székely, P., Gyéresi, Á., Hancu, G., *et al.* Identification of photodegradation products of tricyclic antidepressants drugs clomipramine and doxepine. *Acta Medica Marisiensis* **57(6)**, 745-747 (2011).

**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.

**WARRANTY AND LIMITATION OF REMEDY**  
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