



# 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

### SZABO-SCANDIC HandelsgmbH

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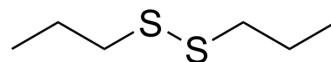
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## Dipropyl disulfide

Cat. No.:	HY-W196803
CAS No.:	629-19-6
Molecular Formula:	C <sub>6</sub> H <sub>14</sub> S <sub>2</sub>
Molecular Weight:	150.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Dipropyl disulfide is oxidized to dipropyl thiosulfinate (DPDSO) by rat microsomes. Both flavincontaining monooxygenases (FMO) and cytochrome P450 enzymes (CYPs) are involved in dipropyl disulfide oxidation. Dipropyl disulfide forms two metabolites: propylglutathione sulfide conjugate and propylthiol<sup>[1]</sup>.

### REFERENCES

[1]. Teyssier C, et al. Metabolism of dipropyl disulfide by rat liver phase I and phase II enzymes and by isolated perfused rat liver. Drug Metab Dispos. 2000 Jun;28(6):648-54.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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