



# 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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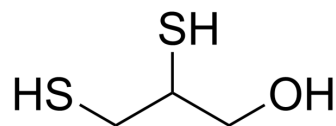
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## Dimercaprol (Standard)

Cat. No.:	HY-B1285R
CAS No.:	59-52-9
Molecular Formula:	C <sub>3</sub> H <sub>8</sub> OS <sub>2</sub>
Molecular Weight:	124.23
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Dimercaprol (Standard) is the analytical standard of Dimercaprol. This product is intended for research and analytical applications. Dimercaprol (2,3-Dimercapto-1-propanol) is an anti-heavy metal-poisoning agent, which exhibits anti-HIV activity. Dimercaprol can be used for the study for arsenic, mercury, gold, lead, antimony, and other toxic metal poisoning <sup>[1]</sup> .
IC <sub>50</sub> & Target	HIV <sup>[1]</sup>

### REFERENCES

- [1]. Kubota S, et al. 2,3 Dimercapto-1-propanol inhibits HIV-1 tat activity, viral production, and infectivity in vitro. *AIDS Res Hum Retroviruses*. 1990 Jul;6(7):919-27.
- [2]. Ran Tian, et al. Dimercaprol is an acrolein scavenger that mitigates acrolein-mediated PC-12 cells toxicity and reduces acrolein in rat following spinal cord injury. *J Neurochem*. 2017 Jun;141(5):708-720.
- [3]. Taciane Roza, et al. 2,3-Dimercapto-1-propanol does not alter the porphobilinogen synthase inhibition but decreases the mercury content in liver and kidney of suckling rats exposed to HgCl<sub>2</sub>. *Basic Clin Pharmacol Toxicol*. 2005 Apr;96(4):302-8.

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

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