



# 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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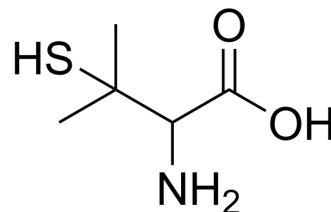
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## DL-Penicillamine (Standard)

Cat. No.:	HY-W017457R
CAS No.:	52-66-4
Molecular Formula:	C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S
Molecular Weight:	149.21
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DL-Penicillamine (Standard) is the analytical standard of DL-Penicillamine. This product is intended for research and analytical applications. DL-Penicillamine [(±)-Penicillamine] is a copper chelating agent. DL-Penicillamine has antidotal effects in thallotoxicosis rats when co-treated with [Prussian blue](#) (HY-106594A). DL-Penicillamine can cause pyridoxine deficiency and then induce optic axial neuritis. DL-Penicillamine can also depress primary immune response<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. TU J, BLACKWELL RQ, LEE PF. DL-penicillamine as a cause of optic axial neuritis. JAMA. 1963 Jul 13;185:83-6.
- [2]. Montes S, et al. Additive effect of DL-penicillamine plus Prussian blue for the antidotal treatment of thallotoxicosis in rats. Environ Toxicol Pharmacol. 2011 Nov;32(3):349-55.
- [3]. Huebner Kf, Gengozian N. Depression Of The Primary Immune Response By DL-Penicillamine. Proc Soc Exp Biol Med. 1965 Feb;118:561-5.

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

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