



# 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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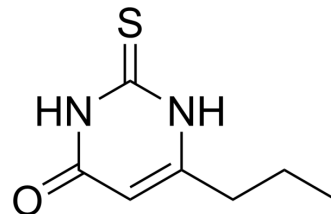
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## Propylthiouracil (Standard)

Cat. No.:	HY-B0346R
CAS No.:	51-52-5
Molecular Formula:	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> OS
Molecular Weight:	170.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Propylthiouracil (Standard) is the analytical standard of Propylthiouracil. This product is intended for research and analytical applications. Propylthiouracil (6-n-Propylthiouracil), a thioamide antithyroid agent, is an orally active thyroperoxidase and type-1 deiodinase (DIO1) inhibitor. Propylthiouracil can be used for the Graves disease and hyperthyroidism research<sup>[1]</sup>.

### REFERENCES

[1]. Lamis Chamas, et al. A Fine Regulation of the Hippocampal Thyroid Signalling Protects Hypothyroid Mice against Glial Cell Activation. *Int J Mol Sci.* 2022 Oct 8;23(19):11938.

[2]. Utsana Puapermpoonsiri, et al. Synergistic effect of phospholipid-based liposomes and propylthiouracil on U-937 cell growth. *J Liposome Res.* 2005;15(3-4):215-27.

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

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