



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

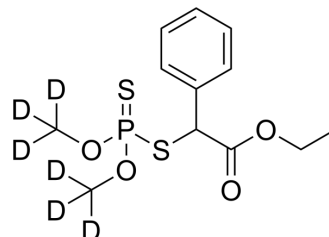
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Phenthoate-d₆

Cat. No.:	HY-118165S
Molecular Formula:	C ₁₂ H ₁₁ D ₆ O ₄ PS ₂
Molecular Weight:	326.4
Target:	Isotope-Labeled Compounds; Cholinesterase (ChE)
Pathway:	Others; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phenthoate-d₆ is deuterium labeled Phenthoate. Phenthoate is an organophosphorus pesticide having low toxicity in animals. Phenthoate is also a AChE inhibitor^{[1][2][3]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Akina Nara, et al. Fatal Poisoning With Both Dichlorvos and Phenthoate. *J Forensic Sci*. 2018 Nov;63(6):1928-1931.
- [3]. Fei Ding, et al. Elucidating the Potential Neurotoxicity of Chiral Phenthoate: Molecular Insight From Experimental and Computational Studies. *Chemosphere*. 2020 Sep;255:127007.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA