



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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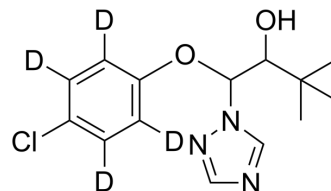
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## Triadimenol-d<sub>4</sub>

Cat. No.:	HY-B0851S
CAS No.:	2121989-56-6
Molecular Formula:	C <sub>14</sub> H <sub>14</sub> D <sub>4</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	299.79
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Triadimenol-d <sub>4</sub> is the deuterium labeled Triadimenol[1]. Triadimenol is a triazole fungicide and has been widely used in agriculture. Triadimenol has certain toxicity to animals[2].
<b>In Vitro</b>	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Menegola E, et al. In vitro teratogenic potential of two antifungal triazoles: triadimefon and triadimenol. *In Vitro Cell Dev Biol Anim*. 2000 Feb;36(2):88-95.

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

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