



# 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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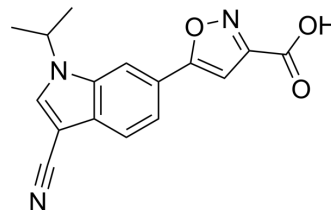
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## Xanthine oxidase-IN-15

Cat. No.:	HY-161514
Molecular Formula:	C <sub>16</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	295.29
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Xanthine oxidase-IN-15 (Compound 6c) is a selective inhibitor of Xanthine oxidase (XO) (IC<sub>50</sub>=0.13 μM). Xanthine oxidase-IN-15 inhibits XO catalysis by forming a stable interaction with the active site of XO. Xanthine oxidase-IN-15 is mainly used in the study of hyperuricemia and gout<sup>[1]</sup>.

### REFERENCES

[1]. Huang D, et al. Design, synthesis, and biological evaluation of 5-(1H-indol-5-yl)isoxazole-3-carboxylic acids as novel xanthine oxidase inhibitors. *Eur J Med Chem.* 2024 May 5;271:116443

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

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