



# 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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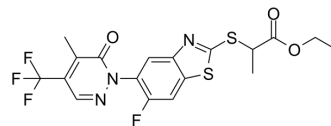
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## PPO-IN-11

Cat. No.:	HY-163570
Molecular Formula:	C <sub>18</sub> H <sub>15</sub> F <sub>4</sub> N <sub>3</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	461.45
Target:	Protoporphyrinogen IX oxidase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

PPO-IN-11 (Compound 10bh) is an inhibitor for protoporphyrinogen IX oxidase (PPO), that inhibits nicotiana tabacum PPO (NtPPO) with  $K_i$  of 0.0603  $\mu$ M. PPO-IN-11 exhibits herbicidal activities against dicot weeds Leaf mustard, Chickweed, Chenopodium serotinum and monocot weeds Alopecurus aequalis, Poa annua, and Polypogon fugax with a dose of 150 g a.i./ha<sup>[1]</sup>.

## REFERENCES

[1]. Zheng BF, et al., Design, Synthesis, and Biological Evaluation of Pyridazinone-Containing Derivatives As Novel Protoporphyrinogen IX Oxidase Inhibitor. J Agr

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

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