



# 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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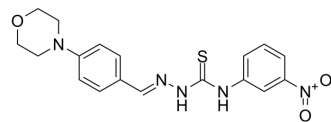
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## NPP3-IN-1

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-163449   |
| Molecular Formula: | C <sub>18</sub> H <sub>19</sub> N <sub>5</sub> O <sub>3</sub> S                           |
| Molecular Weight:  | 385.44  |
| Target:            | Phosphatase   |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

|             |  |
|-------------|--|
| Description | NPP3-IN-1 (Compound 3e) is an inhibitor of phosphodiesterase/pyrophosphatase-3 (NPP3) (IC <sub>50</sub> : 0.24 μM and 1.37 μM for NPP3 and NPP1 respectively <sup>[1]</sup> ). |
|-------------|--|

## REFERENCES

[1]. Tasleem M, et al. Synthesis, in vitro, and in silico studies of morpholine-based thiosemicarbazones as ectonucleotide pyrophosphatase/phosphodiesterase-1 and -3 inhibitors. *Int J Biol Macromol.* 2024 May;266(Pt 2):131068.

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

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