



# 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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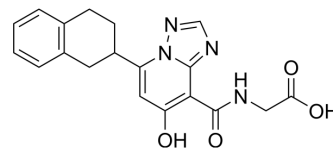
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## PHD2-IN-2

Cat. No.:	HY-162438
Molecular Formula:	C <sub>19</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	366.37
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	PHD2-IN-2 (Compound 12) is a PHD2 inhibitor, with an IC <sub>50</sub> of 34.3 nM. PHD2-IN-2 has high erythropoietin (EPO) inducing activity, with an EC <sub>50</sub> of 6.79 μM. PHD2-IN-2 can be used for the research of anemia, ischemia, and hypoxia <sup>[1]</sup> .
In Vivo	PHD2-IN-2 (3 mg/kg, daily for 14 days) increases the level of EPO in SD rats <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Tang HT, et al. Prolyl hydroxylase inhibitor and use thereof. WO2024061172A1.

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

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