



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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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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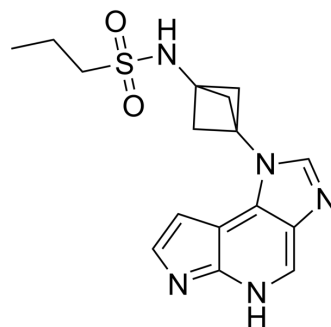
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## Zemprocitinib

<b>Cat. No.:</b>	HY-163653
<b>CAS No.:</b>	2417414-44-7
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub> O <sub>2</sub> S
<b>Molecular Weight:</b>	345.42
<b>Target:</b>	JAK
<b>Pathway:</b>	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Zemprocitinib (Compound 1) is a Janus kinase (JAK) inhibitor. The IC <sub>50</sub> values for JAK1, JAK2 and TYK2 are 5.95, 141.3 and 119 nM, respectively <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	JAK1 5.95 nM (IC <sub>50</sub> )	JAK2 141.3 nM (IC <sub>50</sub> )	Tyk2 119 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Zhaokui WAN, et al. Tricyclic janus kinase 1 inhibitors, and compositions and methods thereof. WO2020088659A1. 2020-05-07.

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

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