



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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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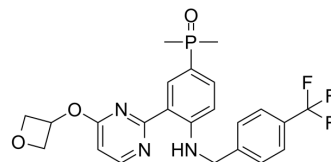
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## TEAD-IN-9

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-161443   |
| Molecular Formula: | C <sub>23</sub> H <sub>23</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub> P            |
| Molecular Weight:  | 477.42  |
| Target:            | YAP   |
| Pathway:           | Stem Cell/Wnt   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

|                    |   |              |                          |                      |                              |                              |                        |             |                        |                        |                      |       |
|--------------------|---|--------------|--------------------------|----------------------|------------------------------|------------------------------|------------------------|-------------|------------------------|------------------------|----------------------|-------|
| <b>Description</b> | TEAD-IN-9 (compound 17) is a TEAD1 inhibitor with an IC <sub>50</sub> of 0.29 μM. TEAD-IN-9 targets the palmitoyl pocket of TEAD, thereby effectively inhibiting the binding of YAP-TEAD and blocking the transcriptional function of YAP-TEAD <sup>[1]</sup> . |              |                          |                      |                              |                              |                        |             |                        |                        |                      |       |
| <b>In Vivo</b>     | Pharmacokinetic Analysis in SD rats <sup>[1]</sup>  |              |                          |                      |                              |                              |                        |             |                        |                        |                      |       |
|                    | Route   | Dose (mg/kg) | C <sub>max</sub> (ng/mL) | T <sub>max</sub> (h) | AUC <sub>0-t</sub> (ng·h/mL) | AUC <sub>0-∞</sub> (ng·h/mL) | V <sub>ss</sub> (L/kg) | Cl (L/h/kg) | MRT <sub>0-t</sub> (h) | MRT <sub>0-∞</sub> (h) | t <sub>1/2</sub> (h) | F (%) |
|                    | i.g.  | 10           | 1477                     | 0.5                  | 4662                         | 5688                         | /                      | /           | 2.84                   | 4.66                   | 3.46                 | 51.9  |
|                    | i.v.  | 1            | 598                      | /                    | 899                          | 924                          | 1.947                  | 1.082       | 1.55                   | 1.80                   | 1.94                 | 51.9  |
|                    | MCE has not independently confirmed the accuracy of these methods. They are for reference only.   |              |                          |                      |                              |                              |                        |             |                        |                        |                      |       |

## REFERENCES

[1]. Dong Liu. Small molecule compound having phosphorylated aryl structure, and use thereof. WO2024061366A1.

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

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