



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

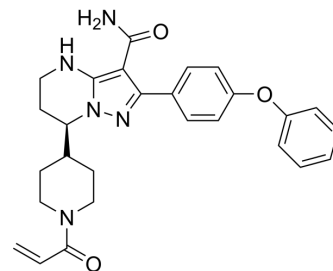
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## (R)-Zanubrutinib

|                    |                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-101474B                                                                                                                                               |
| CAS No.:           | 1691249-44-1                                                                                                                                             |
| Molecular Formula: | C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O <sub>3</sub>                                                                                            |
| Molecular Weight:  | 471.55                                                                                                                                                   |
| Target:            | Btk                                                                                                                                                      |
| Pathway:           | Protein Tyrosine Kinase/RTK                                                                                                                              |
| Storage:           | <div> <div>Powder</div> <div> -20°C 3 years<br/>4°C 2 years </div> </div> <div> <div>In solvent</div> <div> -80°C 2 years<br/>-20°C 1 year </div> </div> |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 64.25 mg/mL (136.25 mM)

\* "≥" means soluble, but saturation unknown.

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 2.1207 mL | 10.6033 mL | 21.2067 mL |
|                              | 5 mM                     |      | 0.4241 mL | 2.1207 mL  | 4.2413 mL  |
|                              | 10 mM                    |      | 0.2121 mL | 1.0603 mL  | 2.1207 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(R)-Zanubrutinib is the R enantiomer of Zanubrutinib. Zanubrutinib is a selective Bruton tyrosine kinase (BTK) inhibitor.

### REFERENCES

- [1]. Wu J, et al. Acalabrutinib (ACP-196): a selective second-generation BTK inhibitor. J Hematol Oncol. 2016 Mar 9;9:21.
- [2]. Wu J, et al. Second-generation inhibitors of Bruton tyrosine kinase. J Hematol Oncol. 2016 Sep 2;9(1):80.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA