



# 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)

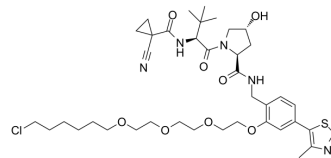
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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



## HaloPROTAC-E

|                    |                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-145752                                                                                                                                                                         |
| CAS No.:           | 2365478-58-4                                                                                                                                                                      |
| Molecular Formula: | C <sub>39</sub> H <sub>56</sub> ClN <sub>5</sub> O <sub>8</sub> S                                                                                                                 |
| Molecular Weight:  | 790.41                                                                                                                                                                            |
| Target:            | SGK; Autophagy                                                                                                                                                                    |
| Pathway:           | Metabolic Enzyme/Protease; Autophagy                                                                                                                                              |
| Storage:           | <div>Pure form    -20°C    3 years</div> <div>                  4°C        2 years</div> <div>In solvent    -80°C    6 months</div> <div>                  -20°C    1 month</div> |



### SOLVENT & SOLUBILITY

|                                                                               |                                                                                                                                          |                                                       |      |           |           |            |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------|-----------|-----------|------------|
| In Vitro                                                                      | DMSO : 100 mg/mL (126.52 mM; Need ultrasonic)                                                                                            |                                                       |      |           |           |            |
|                                                                               | Preparing Stock Solutions                                                                                                                | <div><div>Solvent</div><div>Concentration</div></div> | Mass | 1 mg      | 5 mg      | 10 mg      |
|                                                                               |                                                                                                                                          | 1 mM                                                  |      | 1.2652 mL | 6.3258 mL | 12.6517 mL |
|                                                                               |                                                                                                                                          | 5 mM                                                  |      | 0.2530 mL | 1.2652 mL | 2.5303 mL  |
|                                                                               |                                                                                                                                          | 10 mM                                                 |      | 0.1265 mL | 0.6326 mL | 1.2652 mL  |
| Please refer to the solubility information to select the appropriate solvent. |                                                                                                                                          |                                                       |      |           |           |            |
| In Vivo                                                                       | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline<br>Solubility: ≥ 2.5 mg/mL (3.16 mM); Clear solution |                                                       |      |           |           |            |
|                                                                               | 2. Add each solvent one by one: 10% DMSO >> 90% corn oil<br>Solubility: ≥ 2.5 mg/mL (3.16 mM); Clear solution                            |                                                       |      |           |           |            |

### BIOLOGICAL ACTIVITY

|             |                                                                                                                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | HaloPROTAC-E is a novel HaloPROTAC potent degrader, inducing reversible degradation of two endosomally localized proteins, SGK3 and VPS34, with a DC <sub>50</sub> of 3-10 nM, remarkably selective inducing only degradation of the Halo tagged endogenous VPS34 complex (VPS34, VPS15, Beclin1, and ATG14). |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### CUSTOMER VALIDATION

- bioRxiv. 2023 Dec 9.

---

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

## REFERENCES

---

[1]. Tovell H, Testa A, Maniaci C, et al. Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degradar. ACS Chem Biol. 2019;14(5):882-892.

---

**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