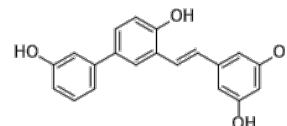


**Product Name** : PELI1-IN-1  
**Cat. No.** : PC-26725  
**CAS No.** : 3034889-94-3  
**Molecular Formula** : C<sub>20</sub>H<sub>16</sub>O<sub>4</sub>  
**Molecular Weight** : 320.34  
**Target** : E3 Ubiquitin Ligase  
**Solubility** : 10 mM in DMSO

Cat#PC-26725



CAS: 3034889-94-3

## Biological Activity

PELI1-IN-1 (PELI1 inhibitor 3d) is a specific small molecule inhibitor of E3 ubiquitin ligase **Pellino-1 (PELI1)** with binding K<sub>d</sub> of 8.2 μM in fluorescence quenching assays, interrupts the interaction of PELI1 and SNAIL/SLUG.

PELI1-IN-1 exhibits potent anti-TNBC activity against cell migration without affecting cell proliferation in vitro.

PELI1-IN-1 shows potent anti-TNBC metastasis efficacy without observable toxic side effects in vivo.

## References

Guangsen Xu, et al. *Eur J Med Chem.* 2023 Dec 20:265:116060.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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