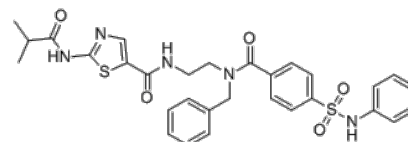


**Product Name** : TH470  
**Cat. No.** : PC-49369  
**CAS No.** : 2834739-51-2  
**Molecular Formula** : C<sub>30</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub>S<sub>2</sub>  
**Molecular Weight** : 605.728  
**Target** : LIM Kinase (LIMK)  
**Solubility** : 10 mM in DMSO



1. Hanke T, et al. *J Med Chem*. 2022 Oct 13;65(19):13264-13287.

## Biological Activity

TH470 (TH-470) is a potent, highly selective type II **LIMK1/2** inhibitor with cellular IC<sub>50</sub> of 9.8 and 13 nM, respectively. TH470 showed excellent selectivity in a comprehensive scanMAX kinase selectivity panel.

## References

