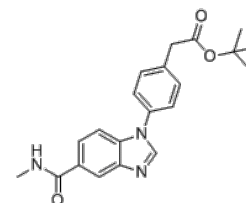


**Product Name** : GSK840  
**Cat. No.** : PC-21478  
**CAS No.** : 2361146-30-5  
**Molecular Formula** : C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 365.43  
**Target** : RIP kinase  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK840 is a specific small-molecule inhibitor of **RIPK3** with IC<sub>50</sub> of 0.9 nM, specifically inhibit RIPK3/MLKL-dependent necroptosis.

GSK840 blocks TNF-induced necroptosis in a concentration-dependent manner.

GSK840 binds RIP3 kinase domain with IC<sub>50</sub> of 0.9 nM, and inhibits kinase activity with IC<sub>50</sub> of 0.3 nM.

## References

Mandal P, et al. *Mol Cell*. 2014 Nov 20;56(4):481-95.

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

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