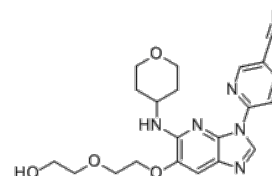


**Product Name** : GLPG2534  
**Cat. No.** : PC-49845  
**CAS No.** : 2095615-97-5  
**Molecular Formula** : C<sub>21</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight** : 424.46  
**Target** : IRAK  
**Solubility** : 10 mM in DMSO



### Biological Activity

GLPG2534 (GLPG 2534) is a potent, selective **IRAK4** inhibitor with therapeutic potential in chronic inflammatory skin diseases.

GLPG2534 inhibits TLR and IL-1 responses in primary keratinocytes, granulocytes, and T cells.

GLPG2534 markedly dampened skin inflammation (IL-23-, IL-33-, imiquimod- and MC903-induced) in murine models of psoriasis and atopic dermatitis (AD).

GLPG2534 reversed pathogenic molecular signatures in human lesional psoriasis and atopic dermatitis biopsies.

### References

Lavazais S, et al. *Sci Transl Med*. 2023 Feb 15;15(683):eabj3289.

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

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