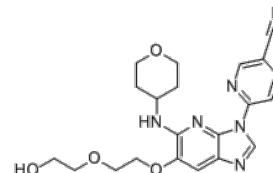


Product Name : GLPG2534
Cat. No. : PC-49845
CAS No. : 2095615-97-5
Molecular Formula : C₂₁H₂₄N₆O₄
Molecular Weight : 424.46
Target : IRAK
Solubility : 10 mM in DMSO



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!

E-mail: tech@probechem.com