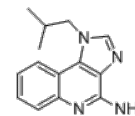


Product Name : Imiquimod
Cat. No. : PC-20234
CAS No. : 99011-02-6
Molecular Formula : C₁₄H₁₆N₄
Molecular Weight : 240.31
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

Imiquimod (Aldara,R-837,S-26308) is a small molecule TLR7 agonist, activates toll-like receptor 7 (EC₅₀=2.1 μM) on immune cells and also enables an OGF-mediated block of cell proliferation (IC₅₀=2 μM).

References

Sidky YA,, et al. Cancer Res. 1992 Jul 1;52(13):3528-33.

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

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