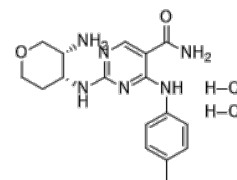


Product Name : GSK143 dihydrochloride
Cat. No. : PC-26566
CAS No. : 2341796-81-2
Molecular Formula : C₁₇H₂₄Cl₂N₆O₂
Molecular Weight : 415.32
Target : Syk
Solubility : 10 mM in DMSO



Biological Activity

GSK143 dihydrochloride is a highly potent, selective, orally efficacious Syk inhibitor with pIC₅₀ of 7.5, >600-fold selective over ZAP-70.

GSK143 inhibits anti-IgM induced Erk1/2 phosphorylation in Ramos cells with pIC₅₀ of 7.1, and anti-IgM induced CD69 surface expression in primary B cells with pIC₅₀ of 6.6.

GSK143 shows good efficacy in the rat Arthus model.

References

Liddle J, et al. *Bioorg Med Chem Lett*. 2011 Oct 15;21(20):6188-94.

van Bree SH, et al. *Gut*. 2013 Nov;62(11):1581-90.

Salehi S, et al. *PLoS One*. 2017 Jan 20;12(1):e0163614.

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

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