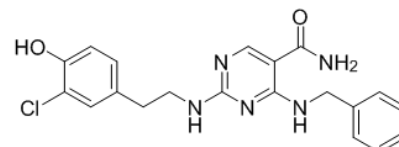


Product Name : AS1517499
Cat. No. : PC-42210
CAS No. : 919486-40-1
Molecular Formula : C₂₀H₂₀ClN₅O₂
Molecular Weight : 397.8581
Target : STAT
Solubility : DMSO: ≥ 35 mg/mL



Biological Activity

A novel potent STAT6 inhibitor with IC₅₀ of 21 nM in STAT6-dependent promoter reporter assay; inhibits IL-4-induced Th2 differentiation of mouse spleen T cells with IC₅₀ of 2.3 nM, without influencing Th1 differentiation induced by IL-12; completely inhibits both the antigen-induced up-regulation of RhoA and BSM hyperresponsiveness, significantly inhibits antigen-induced production of IL-13 in mice.

References

Nagashima S, et al. Bioorg Med Chem. 2007 Jan 15;15(2):1044-55.

Chiba Y, et al. Am J Respir Cell Mol Biol. 2009 Nov;41(5):516-24.

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

E-mail: tech@probechem.com