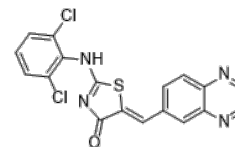


Product Name : GSK626616
Cat. No. : PC-23472
CAS No. : 1025821-33-3
Molecular Formula : C₁₈H₁₀Cl₂N₄OS
Molecular Weight : 401.27
Target : DYRK
Solubility : 10 mM in DMSO



Biological Activity

GSK626616 is a potent, orally bioavailable inhibitor of DYRK3 with IC₅₀ of 0.7 nM, inhibits other members of the DYRK family, e.g., DYRK1A and DYRK2, with similar potency.

GSK626616 is specific for the erythroid lineage and does not stimulate CFU-GM colonies, either alone or in the presence of G-CSF or GM-CSF.

GSK626616 treatment has a statistically significant increase in hemoglobin in anemic mice.

References

Wippich F, et al. Cell. 2013;152(4):791-805.

Huang CS, et al. Int J Mol Sci. 2023 Dec 11;24(24):17346.

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

E-mail: tech@probechem.com