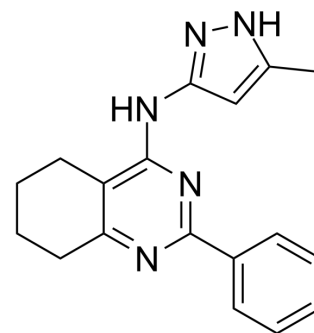


GSK-3 Inhibitor XIII

Cat. No.:	HY-112392
CAS No.:	404828-08-6
Molecular Formula:	C ₁₈ H ₁₉ N ₅
Molecular Weight:	305.38
Target:	GSK-3
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GSK-3 Inhibitor XIII is a potent and ATP-competitive GSK-3 inhibitor with a K_i of 24 nM^{[1][1][2]}.

REFERENCES

[1]. Albert C Pierce, et al. CH...O and CH...N hydrogen bonds in ligand design: a novel quinazolin-4-ylthiazol-2-ylamine protein kinase inhibitor. *J Med Chem.* 2005 Feb 24;48(4):1278-81.

[2]. Eduardo Cruz Moraes, et al. Kinase inhibitor profile for human nek1, nek6, and nek7 and analysis of the structural basis for inhibitor specificity. *Molecules.* 2015 Jan 13;20(1):1176-91.

Caution: Product has not been fully validated for medical applications. For research use only.

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