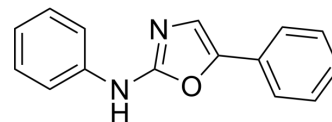


GW549390X

Cat. No.:	HY-160687
CAS No.:	135307-33-4
Molecular Formula:	C ₁₅ H ₁₂ N ₂ O
Molecular Weight:	236.27
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GW549390X is a dual inhibitor of Fluc and VEGFR2 with IC₅₀ of 0.26 μM and 1.2 μM, respectively. GW549390X can bind to the ATP pocket of FLuc through the aniline side chain and is an ATP-competitive inhibitor of Fluc. GW549390X acts as a protein kinase inhibitor across ATP-dependent and -independent luciferases, with potential implications for Fluc reporter assays^[1].

REFERENCES

[1]. Dranchak P, et al. Profile of the GSK published protein kinase inhibitor set across ATP-dependent and-independent luciferases: implications for reporter-gene assays. PLoS One. 2013;8(3):e57888.

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

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