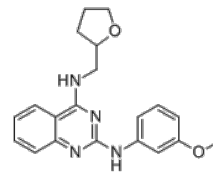


Product Name : LCH7749944
Cat. No. : PC-62722
CAS No. : 796888-12-5
Molecular Formula : C₂₀H₂₂N₄O₂
Molecular Weight : 350.422
Target : p21-activated Kinase (PAK)
Solubility : 10 mM in DMSO



Biological Activity

LCH 7749944 (GNF-PF-2356) is a novel and potent **PAK4** with IC₅₀ of 14.93 μM, shows weak activity against other PAK family members.

LCH 7749944 effectively suppresses the proliferation, migration and invasion of human gastric cancer cells through downregulation of PAK4/c-Src/EGFR/cyclin D1 pathway.

LCH 7749944 also inhibits the formation of filopodia and induces cell elongation in SGC7901 cells, causes successful inhibition of EGFR activity.

References

Zhang J, et al. *Cancer Lett.* 2012 Apr 1;317(1):24-32.

Guo Q, et al. *Oncogene.* 2014 Jun 19;33(25):3277-87.

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

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