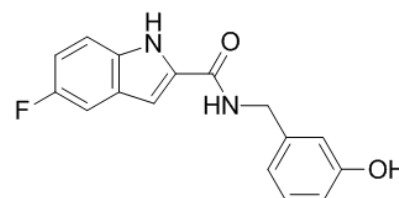


Product Name : KX1-004
Cat. No. : PC-45439
CAS No. : 518058-84-9
Molecular Formula : C₁₆H₁₃FN₂O₂
Molecular Weight : 284.285
Target : Src
Solubility : DMSO: ≥ 42 mg/mL



Biological Activity

KX1-004 is a non-ATP competitive **Src**-PTK inhibitor with IC₅₀ of 40 uM.

KX1-004 has potential protective for noise-induced hearing loss (NIHL).

KX1-004 significantly reduces cisplatin-induced hearing loss in nude rats with implanted HT-29 tumors.

References

Harris KC, et al. Hear Res. 2005 Oct;208(1-2):14-25.

Bielefeld EC, et al. Noise Health. 2005 Oct-Dec;7(29):24-30.

Bielefeld EC, et al. Anticancer Drugs. 2013 Jan;24(1):43-51.

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

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