

Product Datasheet

JNK 9L

Catalog No. **BP-00005** · CAS **1128096-64-9** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0**
· Revision **2026-09-14**

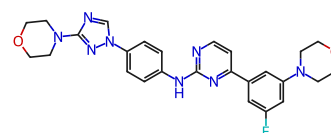
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Target JNK; Reactive Oxygen Species (ROS)	Research area Neurological Disease
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Molecular formula **C₂₆H₂₇N₈O₂**

Molecular weight **502.5434**

STRUCTURE



DESCRIPTION

JNK-9L (Compound 9I) is a BBB-penetrable and ATP-competitive JNK inhibitor with IC₅₀s of 0.099 and 0.148 μM for JNK1 and JNK3, respectively. JNK-9L significantly inhibits c-jun phosphorylation and Streptozotocin-induced ROS generation with an IC₅₀ of 0.8 μM. JNK-9L can be used for neurodegenerative disorders like Parkinson's disease research.

SOLUBILITY

Soluble in DMSO : 50 mg/mL

REFERENCES

[1]. Kamenecka T, et al. Synthesis, biological evaluation, X-ray structure, and pharmacokinetics of aminopyrimidine c-jun-N-terminal kinase (JNK) inhibitors. J Med Chem. 2010 Jan 14;53(1):419-31.

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