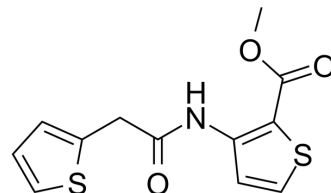


JNK-IN-11

Cat. No.:	HY-150053
CAS No.:	676594-38-0
Molecular Formula:	C ₁₂ H ₁₁ NO ₃ S ₂
Molecular Weight:	281.35
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JNK-IN-11 (compound 1) is a potent JNK inhibitor with an IC ₅₀ value of 2.2, 21.4, 1.8 μM for JNK1, JNK2, JNK3, respectively. JNK-IN-11 has the potential for the research of alzheimer and parkinson disease ^[1] .		
IC ₅₀ & Target	JNK1 1.8 μM (IC ₅₀)	JNK3 2.2 μM (IC ₅₀)	JNK2 21.4 μM (IC ₅₀)

REFERENCES

[1]. Hom RK, et al. Design and synthesis of disubstituted thiophene and thiazole based inhibitors of JNK. Bioorg Med Chem Lett. 2010 Dec 15;20(24):7303-7.

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

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