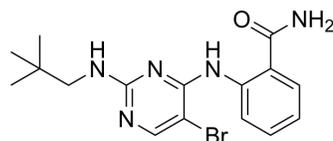


JNK-1-IN-2

Cat. No.:	HY-155593
Molecular Formula:	C ₁₆ H ₂₀ BrN ₅ O
Molecular Weight:	378.27
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JNK-1-IN-2 (Compound c6) is a JNK-1 inhibitor (IC ₅₀ : 33.5 nM). JNK-1-IN-2 also inhibits JNK-2 and JNK-3 with IC ₅₀ s of 112.9 nM and 33.2 nM. JNK-1-IN-2 inhibits the phosphorylation of c-Jun. JNK-1-IN-2 reverses lung impairment. JNK-1-IN-2 can be used for research of pulmonary fibrosis ^[1] .
IC ₅₀ & Target	33.5 nM, 112.9 nM and 33.2 nM (JNK-1, JNK-2 and JNK-3) ^[1]

REFERENCES

[1]. Qian H, et al. Synthesis-accessibility-oriented design of c-Jun N-terminal kinase 1 inhibitor. Eur J Med Chem. 2023 Aug 5;256:115442.

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

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