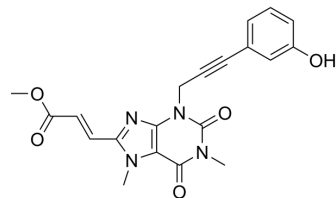


MLKL-IN-6

Cat. No.:	HY-156119
Molecular Formula:	C ₂₀ H ₁₈ N ₄ O ₅
Molecular Weight:	394.38
Target:	Mixed Lineage Kinase; Necroptosis
Pathway:	MAPK/ERK Pathway; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MLKL-IN-6 (compound P28) is a mixed lineage kinase inhibitor targeting Mixed Lineage Kinase domain-like (MLKL). MLKL-IN-6 inhibits cell necrosis. MLKL-IN-6 inhibits MLKL phosphorylation and oligomerization during cell necrosis, inhibits immune cell death, and reduces the expression of adhesion factors. MLKL-IN-6 has low cytotoxicity, and it inhibits hepatic stellate cell activation, reduces liver fibrosis marker levels, and has anti-fibrotic effects^[1].

REFERENCES

[1]. Oh J H, et al. Novel Inhibitor of Mixed-Lineage Kinase Domain-Like Protein: The Antifibrotic Effects of a Necroptosis Antagonist[J]. ACS Pharmacology & Translational Science, 2023...

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

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