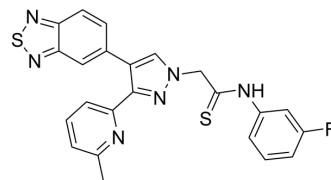


J-1048

Cat. No.:	HY-149403
CAS No.:	2374772-60-6
Molecular Formula:	C ₂₃ H ₁₇ FN ₆ S ₂
Molecular Weight:	460.55
Target:	Anaplastic lymphoma kinase (ALK)
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

J-1048 is an activin receptor-like kinase 5 (ALK5) inhibitor. J-1048 can inhibit TAA-induced liver fibrosis in mice by explicitly blocking the TGF- β /Smad signaling pathway^[1].

REFERENCES

[1]. Yang HX, et al. Synthesis of and anti-fibrotic effect of pyrazole derivative J-1048: Inhibition of ALK5 as a novel approach to liver fibrosis targeting inflammation. *Bioorg Chem.* 2023 Oct;139:106723.

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

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