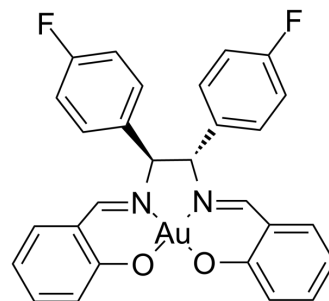


TrxR-IN-4

Cat. No.:	HY-146350
Molecular Formula:	C ₂₈ H ₂₀ AuF ₂ N ₂ O ₂
Molecular Weight:	651.43
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TrxR-IN-4 (Compound 1b) is a potent inhibitor of TrxR. TrxR-IN-4 induces HepG2 cells apoptosis by activating the endoplasmic reticulum stress (ERS). TrxR-IN-4 improves the CCl₄-induced liver damage in vivo by down-regulation of TrxR expression and inflammation level^[1].

REFERENCES

[1]. Bian M, et al. Synthesis and biological evaluation of gold(III) Schiff base complexes for the treatment of hepatocellular carcinoma through attenuating TrxR activity. Eur J Med Chem. 2020 May 1;193:112234.

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

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