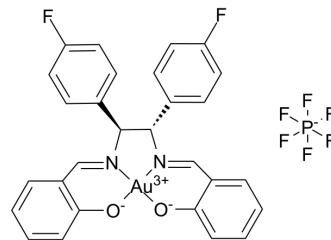


TrxR-IN-4

Cat. No.:	HY-146350
CAS No.:	2414906-32-2
Molecular Formula:	C ₂₈ H ₂₀ AuF ₈ N ₂ O ₂ P
Molecular Weight:	796.4
Target:	TrxR
Pathway:	Metabolic Enzyme/Protease
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA