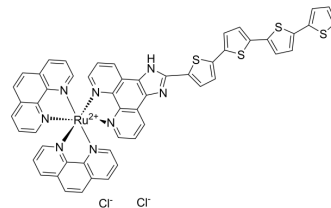


Ru-4T

Cat. No.:	HY-162045
Molecular Formula:	$C_{53}H_{32}Cl_2N_8RuS_4$
Molecular Weight:	1081.11
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ru-4T is a phototherapy agent. Ru-4T has phototherapeutic efficacy (PI = 114,000) against melanoma cells (SK-MEL-28) under broad-band visible light (400-700 nm) with EC ₅₀ values of 740 pM ^[1] .
IC ₅₀ & Target	EC ₅₀ : 740 pM (SK-MEL-28) ^[1] .

REFERENCES

[1]. Cole HD, et al. Ru(II) Phenanthroline-Based Oligothieryl Complexes as Phototherapy Agents. Inorg Chem. 2023 Dec 11.

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

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