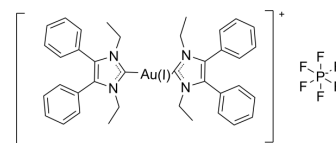


Cisplatin-resistant cells-IN-1

Cat. No.:	HY-154978
Molecular Formula:	$C_{38}H_{40}AuF_6N_4P^-$
Molecular Weight:	894.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cisplatin-resistant cells-IN-1 (Compound 8) has high cytotoxicity against Cisplatin (HY-17394)-resistant cells. Cisplatin-resistant cells-IN-1 reduces the metabolic activity effectively in the low nanomolar range (IC_{50} : 0.14–1.79 μ M in A549/A549-R, K562/K562-R, and MCF-7/MCF-7TamR cells)^[1].

REFERENCES

[1]. Paul Kapitza, et al. Reaction Behavior of [1,3-Diethyl-4,5-diphenyl-1H-imidazol-2-ylidene] Containing Gold(I/III) Complexes against Ingredients of the Cell Culture Medium and the Meaning on the Potential Use for Cancer Eradication Therapy. *J. Med. Chem.* 2023, 66, 12, 8238–8250.

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

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