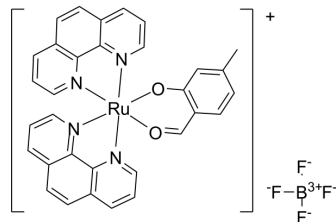


## [Ru(phen)2(4-Me-Sal)]BF4

Cat. No.:	HY-157464
Molecular Formula:	C <sub>32</sub> H <sub>23</sub> BF <sub>4</sub> N <sub>4</sub> O <sub>2</sub> Ru <sup>+</sup>
Molecular Weight:	683.43
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

[Ru(phen)2(4-Me-Sal)]BF<sub>4</sub> (compound 10), a Ru(II)-based polypyridyl complex, displays outstanding antiproliferative activity against drug-sensitive CCRF-CEM and multidrug-resistant CEM/ADR5000 leukemia cells (IC<sub>50</sub>=0.52 μM and 5.56 μM, respectively)<sup>[1]</sup>.

### REFERENCES

[1]. Maryam Taghizadeh Shool, et al. Investigating the Cytotoxicity of Ru(II) Polypyridyl Complexes by Changing the Electronic Structure of Salicylaldehyde Ligands. *Inorg Chem.* 2023 Dec 29.

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

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