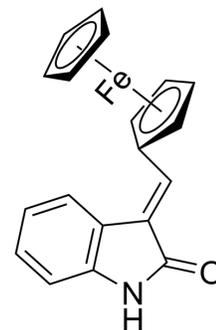


## (E)-FeCP-oxindole

Cat. No.:	HY-108444A
CAS No.:	884338-18-5
Molecular Formula:	C <sub>19</sub> H <sub>15</sub> FeNO
Molecular Weight:	329.17
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(Z)-FeCP-oxindole is a selective human vascular endothelial growth factor receptor 2 (VEGFR2) inhibitor with an IC<sub>50</sub> value of 200 nM. (Z)-FeCP-oxindole can significantly inhibit VEGFR1 and PDGFRa or b at 10 μM. (Z)-FeCP-oxindole has some anticancer activity, acting on B16 murine melanoma lines with IC<sub>50</sub> less than 1 μM<sup>[1]</sup>.

### REFERENCES

[1]. John Spencer, et al. Synthesis and evaluation of metallocene containing methyldiene-1,3-dihydro-2H-indol-2-ones as kinase inhibitors. *Metallomics*. 2011 Jun;3(6):600-8.

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

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