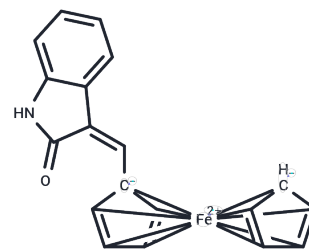


(Z)-FeCP-oxindole

Chemical Properties

CAS No. :	1137967-28-2
Formula:	C ₁₉ H ₁₅ FeNO
Molecular Weight:	329.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(Z)-FeCP-oxindole is a selective inhibitor of VEGFR2 with an IC ₅₀ of 200 nM for human. (Z)-FeCP-oxindole shows anticancer activity.
Targets(IC ₅₀)	VEGFR,Others
In vitro	(Z)-FeCP-oxindole (10 μM) inhibits VEGFR1 and PDGFRα. (Z)-FeCP-oxindole acts on B16 murine melanoma lines (IC ₅₀ <1 μM)[1].

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0379 mL	15.1897 mL	30.3794 mL
5 mM	0.6076 mL	3.0379 mL	6.0759 mL
10 mM	0.3038 mL	1.519 mL	3.0379 mL
50 mM	0.0608 mL	0.3038 mL	0.6076 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Lynch T, et al. Inhibition of the interleukin-1 beta converting enzyme family rescues neurons from apoptotic death. Mol Psychiatry. 1997 May;2(3):227-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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