

[Ag(2,2'-bipy)(dppe)][CF₃SO₃]

Chemical Properties

CAS No. :

Formula: C₃₇H₃₂AgF₃N₂O₃P₂S-

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	[Ag(2,2'-bipy)(dppe)][CF ₃ SO ₃] (compound 4) can induce cellparaptosis (cellparaptosis) and is applicable for research on drug-resistant ovarian cancer.
Targets(IC50)	Apoptosis
In vitro	The compound [Ag(2,2'-bipy)(dppe)][CF ₃ SO ₃] (compound 4) effectively inhibits the growth of SK-OV-3, SK-OV-3/CBP, HCT116 WT, and HCT116 WT/OxR cells over 72 hours at concentrations ranging from 0 to 10 μM, with IC ₅₀ values of 6.8 μM, 5.48 μM, 0.70 μM, and 0.65 μM, respectively. Additionally, at a concentration of 10 μM for 24 hours, it induces apoptosis in SK-OV-3 and MES-OV cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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