

[Ru(dppn)2phen](PF6)2

## Chemical Properties

CAS No. :

Formula: C56H32F12N10P2Ru

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	[Ru(dppn)2phen](PF6)2 (compound 4) is a polypyridyl ruthenium complex used in photodynamic therapy (PDT). It is generally non-toxic in the dark but induces mitochondrial respiratory damage upon light activation. This compound demonstrates high singlet oxygen quantum yield and phototoxicity against cancer cells.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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