

## Sunitinib-platinum(IV) prodrug-1

## Chemical Properties

CAS No. :

Formula:

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	Sunitinib-platinum(IV) prodrug-1 (Complex A) is a Cisplatin-based Pt(IV) prodrug designed to be reduced to active Pt(II) in intracellular reductive conditions, while concurrently releasing a sunitinib derivative with tyrosine kinase inhibitor (TKI) activity. This compound exhibits remarkable cytotoxicity against renal cell carcinoma (RCC), inducing DNA crosslinking and apoptosis. It inhibits VEGFR/PDGFR signaling pathways, thereby suppressing tumor growth and angiogenesis, and can be used for studying RCC.
Targets(IC50)	Apoptosis,DNA Alkylator/Crosslinker,PDGFR,VEGFR

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