

## Me4Phen

## Chemical Properties

CAS No. :

Formula: C<sub>18</sub>H<sub>20</sub>ClN<sub>2</sub>O<sub>3</sub>Re

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	Me4Phen (compound 3) is an oxorhenium (V) complex that disrupts mitochondrial membrane potential and increases intracellular reactive oxygen species (ROS), leading to endoplasmic reticulum stress-mediated cancer cell necrosis (necrosis). With high lipophilicity, Me4Phen effectively overcomes Cisplatin resistance in various cancer cells.
Targets(IC50)	Apoptosis

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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