

Supporting Information for

Poly(ADP-ribose) Polymerase-1 Activity Stimulates the Dissociation of Nuclear Proteins from Platinum- Damaged DNA

Evan R. Guggenheim, Alison E. Ondrus, Mohammad Movassaghi, Stephen J. Lippard**

*Department of Chemistry, Massachusetts Institute of Technology,
Cambridge, Massachusetts 02139-4307*

Scheme S.1. Synthesis of CEP-A (**A**) and CEP-6800 (**B**).

Table S.1. The cytotoxicity of three PARP inhibitors as tested by MTT assays in each of four cancer cell lines.

Figure S.1. The cytotoxicity of three PARP inhibitors was tested by the MTT assay in each of four cancer cell lines. HeLa (◆), NTera2 (■), BxPC3 (▲), and U2OS (✕) cells are evaluated. The PARP inhibitors used are 4-ANI (**C**), CEP-A (**A**), and CEP-6800 (**B**). The maximum tolerated dose value results are summarized in Table S.1.

Table S.1: Maximum tolerated dose of three PARP inhibitors in four cancer cell lines

Cell line	4-ANI (μM)	CEP-A (μM)	CEP-6800 (μM)
HeLa	2.0	0.1	3.0
NTera2	0.1	0.1	0.1
BxPC3	2.0	0.1	3.0
U2OS	1.0	0.1	1.0