Electronic Supplementary Material (ESI) for RSC Medicinal Chemistry.
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Supporting Information

Table S1. *In vitro* IC_{50} (□M) values for AEP series. In parentheses: 95% confidence IC_{50} range (□M). IC_{50} values obtained using the Dose Response-Inhibition model (Prism 9). nt = not tested.

	STO1102	AEP01	AEP02	AEP03	AEP04	AEP05	AEP06	AEP07
PARP1	1.3 (0.9-2)	0.1 (0.09-0.2)	2.5 (1.9-3.4)	>10	>10	>10	>30	>30
PARP2	0.8 (0.6-1)	>10	2.0 (1.2-3.5)	nt	nt	nt	>10	>10
PARP3	>10	>10	>10	>10	>10	>10	>10	>10
PARP4$_{brct\text{-}cat}$	>10	0.5 (0.4-0.6)	0.8 (0.5-1.2)	2.7 (2.1-3.6)	>10	>10	1.9 (1.4-2.5)	0.8 (0.7-0.9)
PARP5b$_{cat}$	>10	>10	>10	>10	>10	>10	>10	>10
PARP6	>10	>10	>10	>10	>10	>10	>10	>10
PARP7	nt	nt	>10	>10	>10	>10	~10	~10
PARP8	nt	nt	nt	nt	nt	nt	>10	>10
PARP10$_{cat}$	>10	>10	>10	>10	>10	>10	>10	~10
PARP11	0.2 (0.1-0.4)	>10	>10	>10	>10	>10	>10	>10
PARP12$_{cat}$	nt	nt	nt	nt	nt	nt	>10	>10
PARP14$_{cat\text{-}wwe}$	>10	>10	>10	>10	>10	>10	~5	>10
PARP15$_{cat}$	8.9 (5.4-14.7)	>10	~10	>10	3.2 (1.4-7.2)	>10	>10	~10
PARP16	nt	>10	>10	>10	>10	>10	>10	>10