

Supplementary Materials:

Article

# Identification of Penexanthone A as a novel chemosensitizer to induce ferroptosis by targeting Nrf2 in human colorectal cancer cells

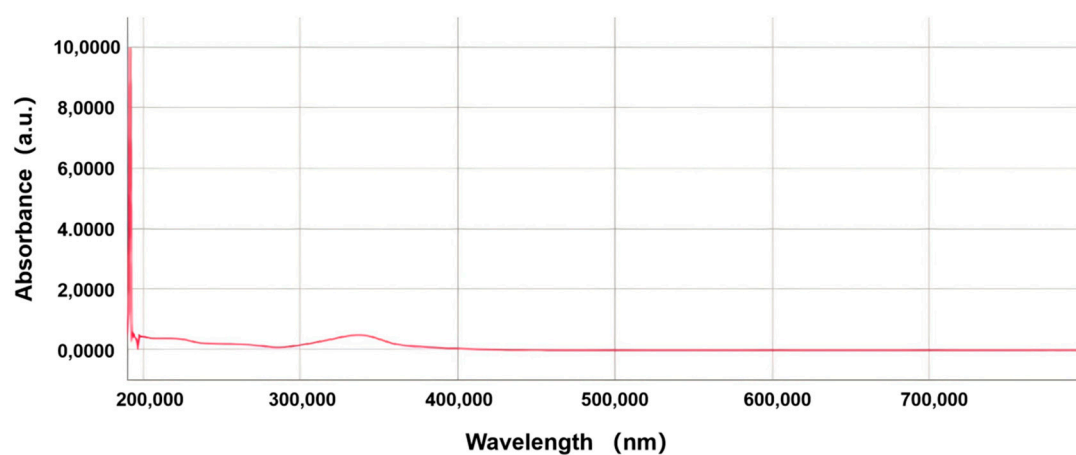


Figure S1. UV spectrum of PXA

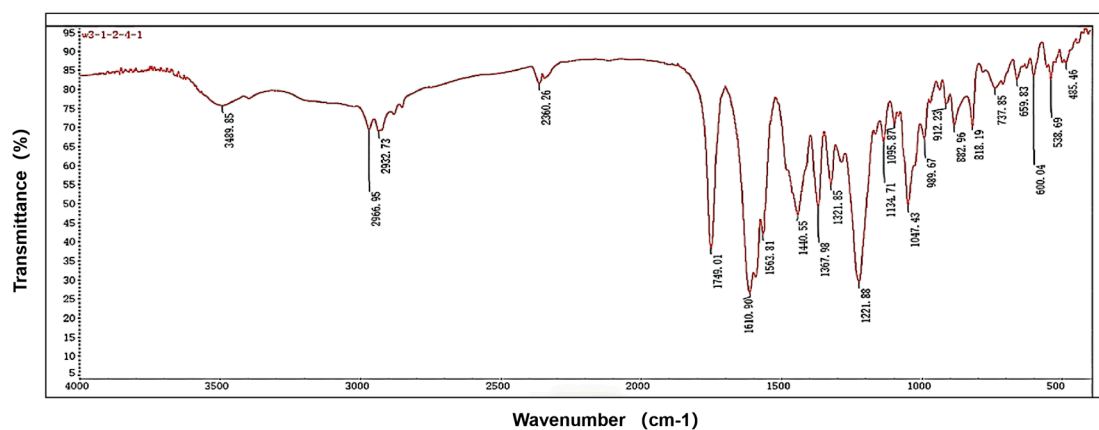


Figure S2. IR spectrum of PXA

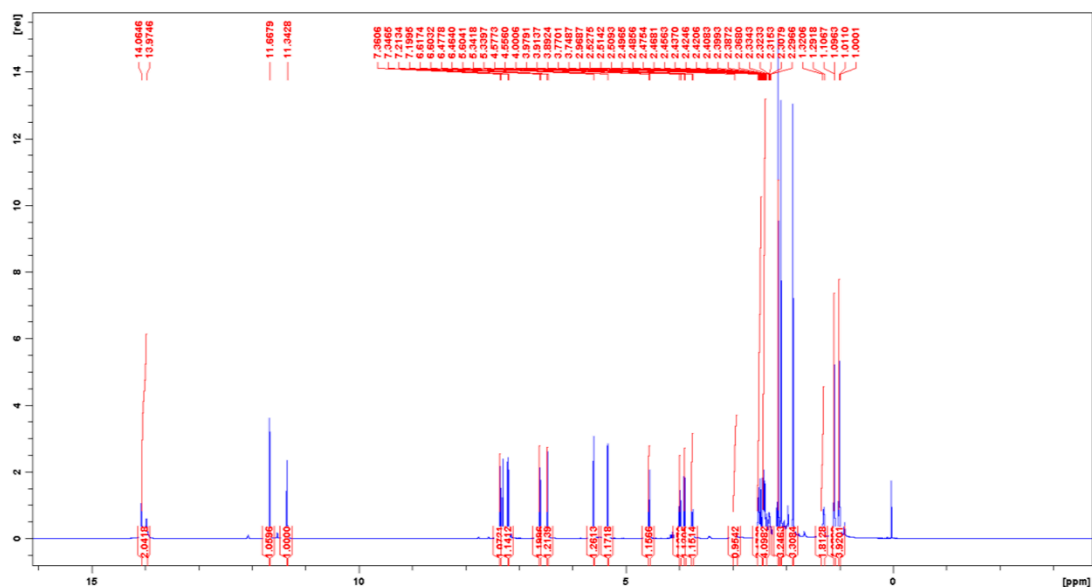


Figure S3  $^1\text{H}$ -NMR spectrum of PXA

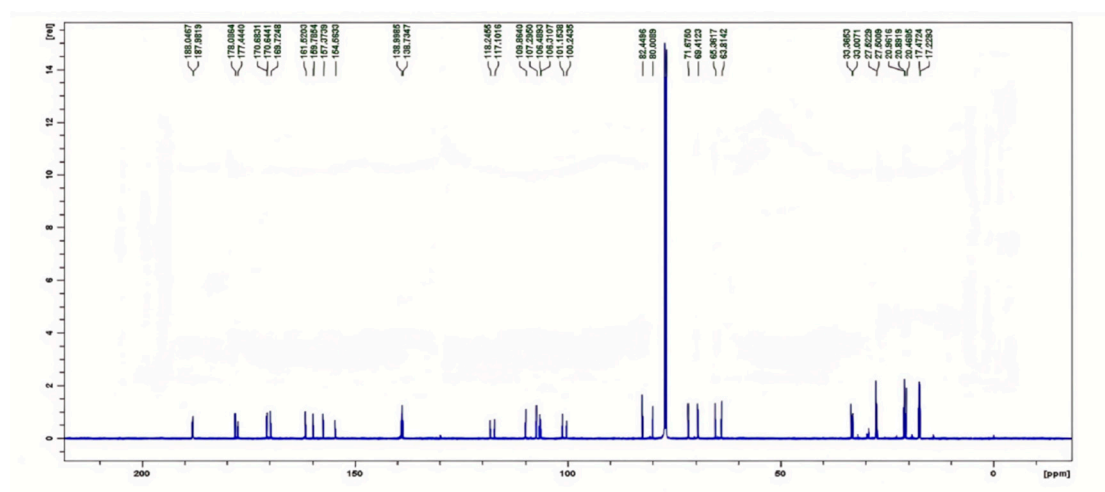


Figure S4  $^{13}\text{C}$ -NMR spectrum of PXA

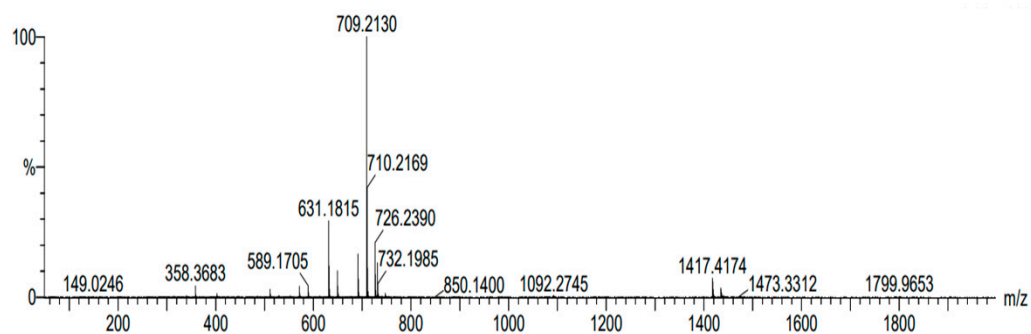


Figure S5 HR-ESI-MS spectrum of PXA

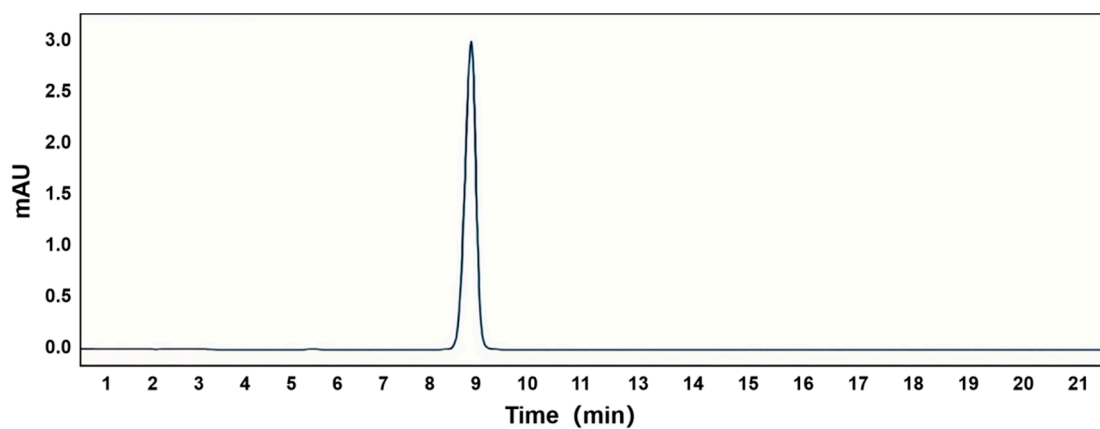


Figure S6. The HPLC chromatographic analysis of PXA.

Table S1. IC<sub>50</sub> values of PXA on various cancer cells.

Compound	SKOV3	MCF-7	A549	HCT116	PC3
PXA (μM)	3.71	3.42	4.30	1.27	7.08