

Supplementary Information

Development of pathway-oriented screening to identify compounds to control 2-methylglyoxal metabolism in tumor cells

Kouichi Yanagi, Toru Komatsu, Yuuta Fujikawa, Hirotatsu Kojima, Takayoshi Okabe, Tetsuo Nagano, Tasuku Ueno, Kenjiro Hanaoka and Yasuteru Urano

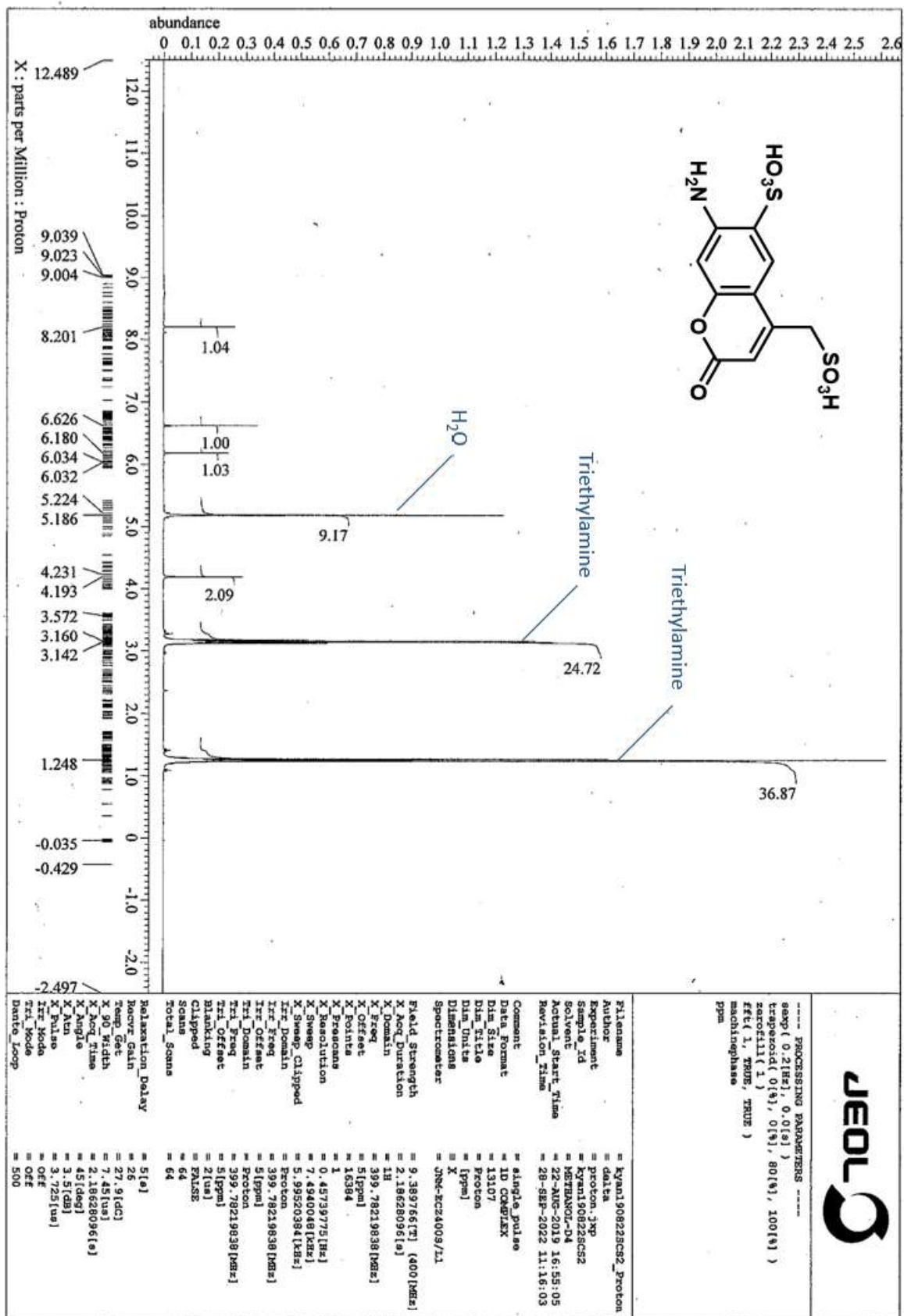
Spectral data for characterization of compounds

¹H-NMR spectrum of dsAMC

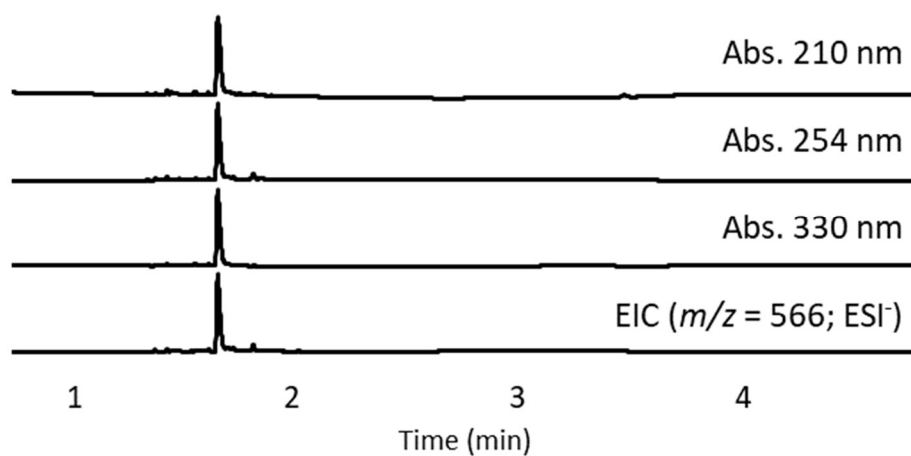
¹³C-NMR spectrum of dsAMC

¹H-NMR spectrum of Q-dsAMC

LC-MS chromatogram of Q-dsAMC



¹H-NMR spectrum of dsAMC



LC-MS chromatogram of Q-dsAMC

Absorbance chromatograms were monitored at 210, 254, and 330 nm, and extract ion chromatogram (EIC) was monitored at $m/z = 566$ (ESI⁻).

Eluent: A : B= 95:5, 3.5 min, 5:95. A = 0.1% TFA aq., B = 0.1% TFA-80% AcCN-20% H₂O