

Table S3: Half maximal effective concentration (EC₅₀) dose of *Acrosiphonia orientalis* for different bioactivities

Bioactivities	EC ₅₀ dose^
Total antioxidant	40 ± 1
Radical scavenging	25 ± 7
Reducing capacity	5 ± 1
Anti-proliferative (HeLa)	20 ± 2
Anti-proliferative (Huh7)	25 ± 1

^Dose (mean ± SE; n=3) in mg Dw (dry weight)

Values are round-up as per significant certainty numbers