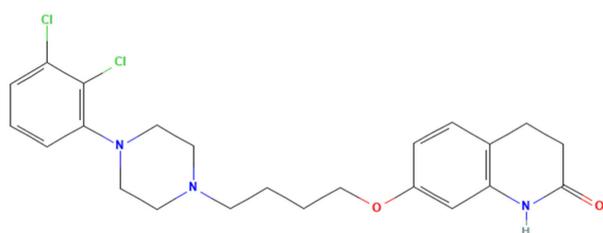
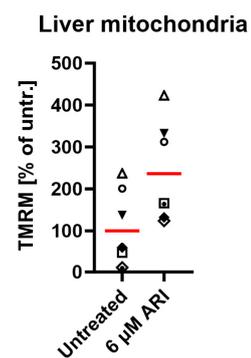


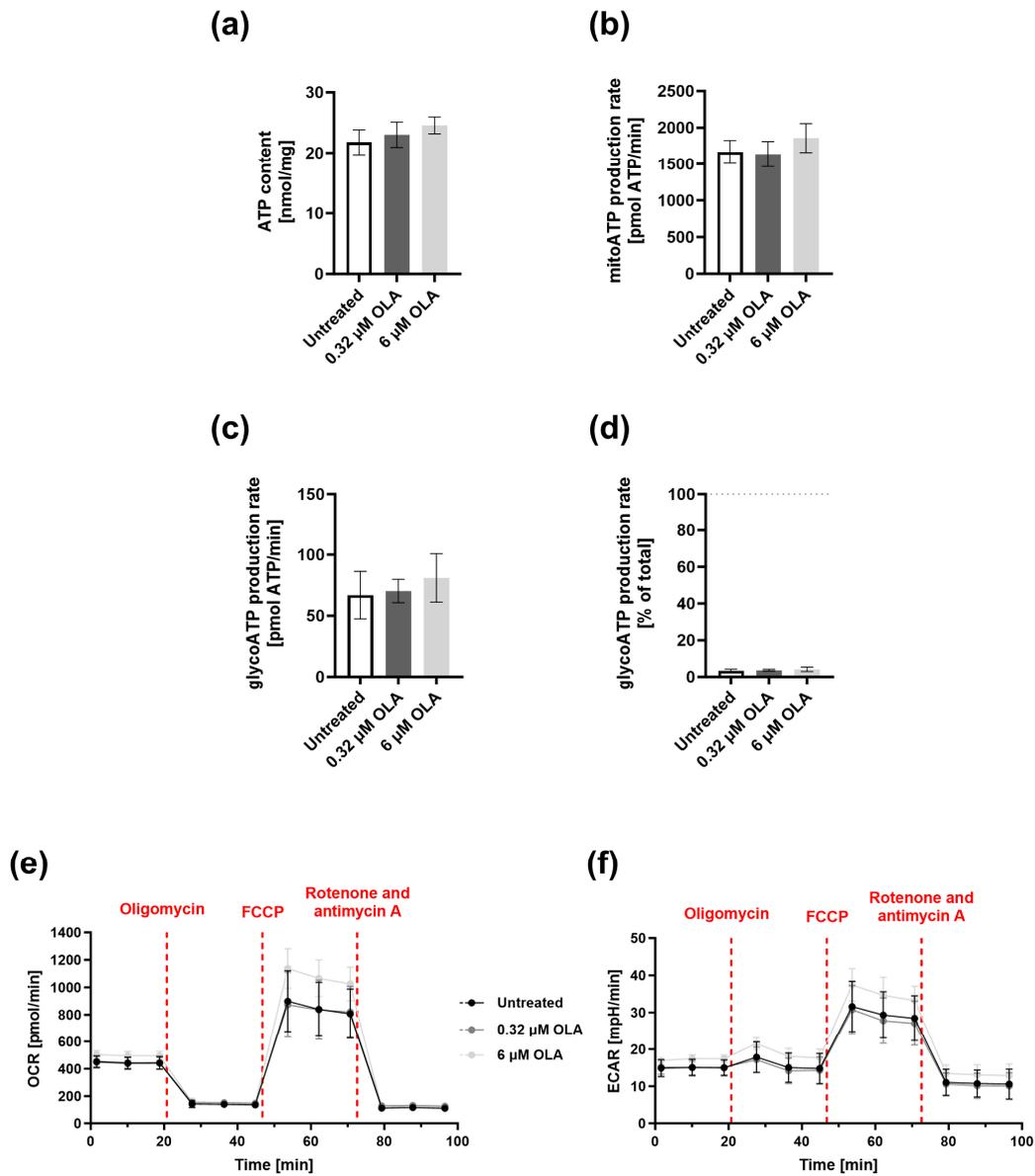
(a)



(b)

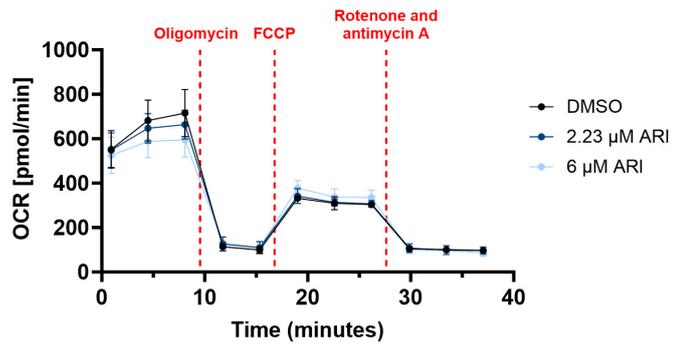
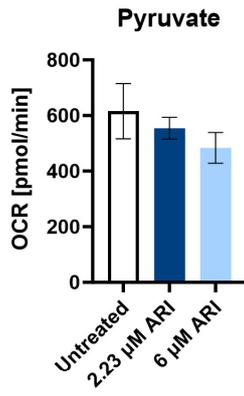


**Figure S1:** (a) Chemical structure of aripiprazole (PubChem); (b) detailed depiction of biological replicates from Figure 1f.

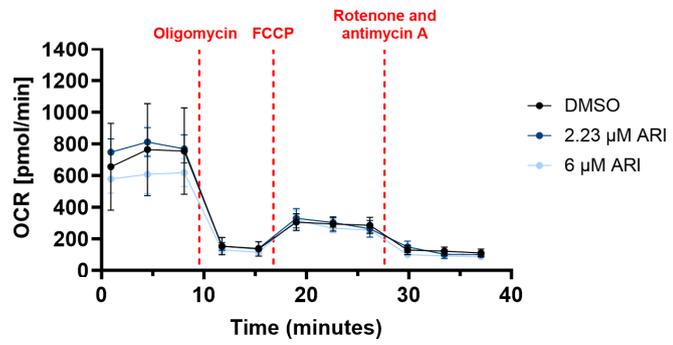
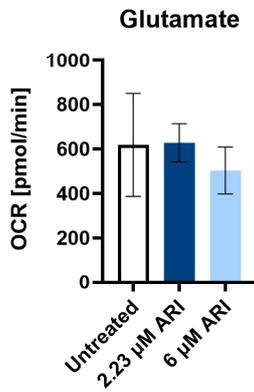


**Figure S2:** ATP production in Fao cells treated with or without OLA for 24 h (a) Total cellular ATP measured with luminescent assay ( $n = 4$ ). (b) Mitochondrial and (c) glycolytic ATP production rates were calculated from respirometry measurements ( $n = 4$ ). (d) Glycolytic ATP production rate expressed as a percentage of overall ATP production rate. (e) oxygen consumption rate (OCR) values; (f) extracellular acidification rate (ECAR) values ( $n = 4$ ). Data are presented as the mean  $\pm$  SD and were analysed with one-way ANOVA.

(a)



(b)



(c)

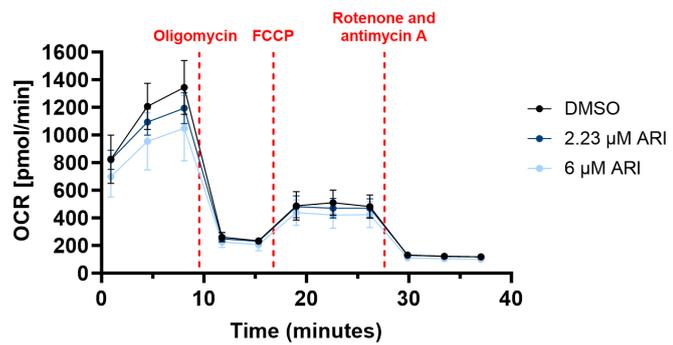
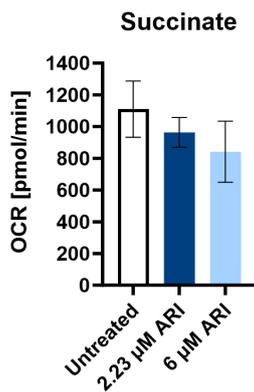


Figure S3: Contribution of individual mitochondrial complexes to OCR ( $n = 3$ ).