

Drug Screening & Validation

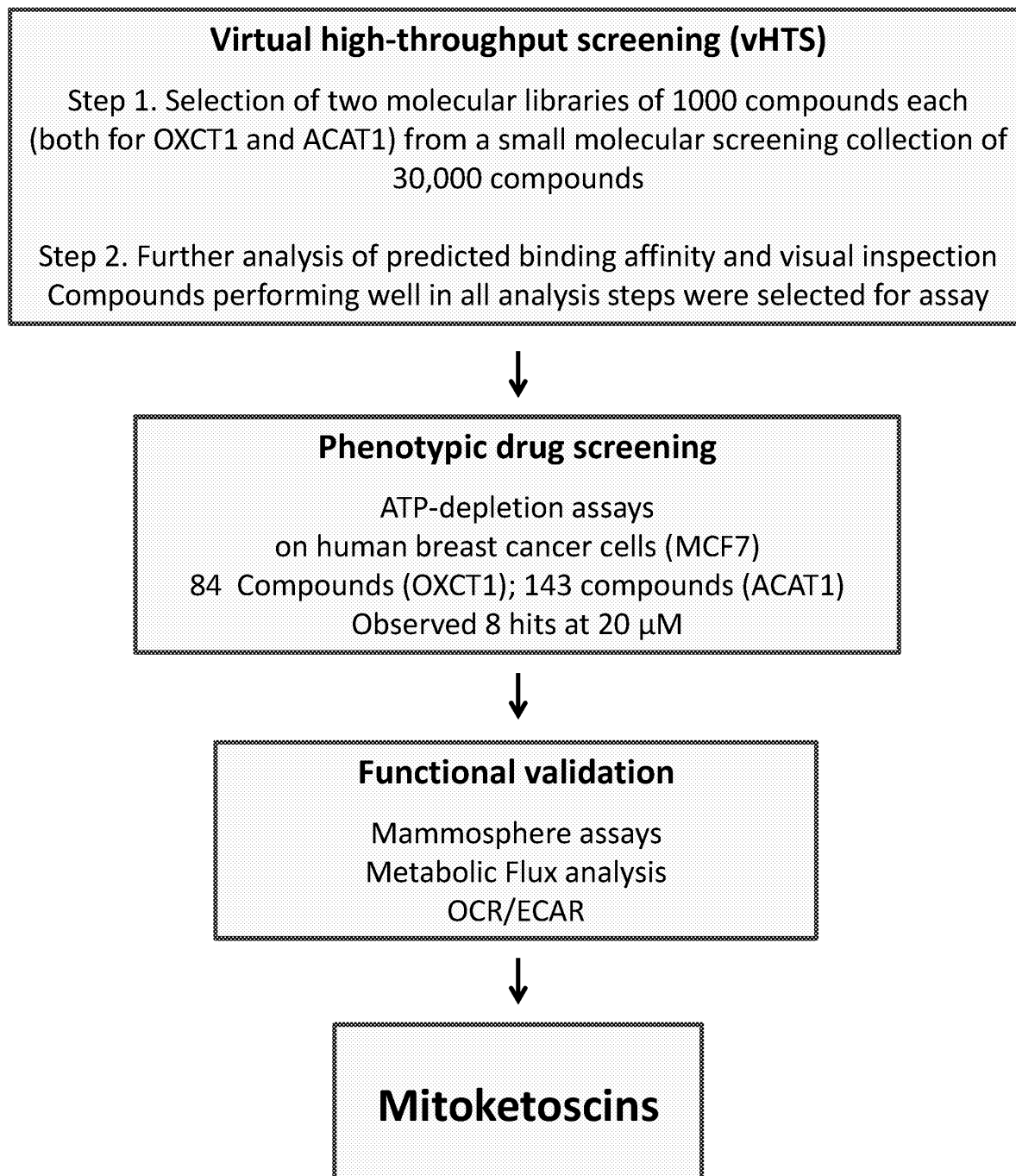
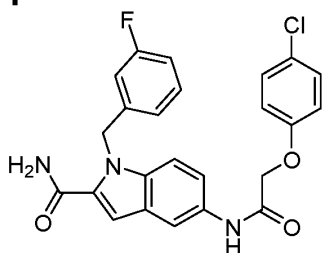
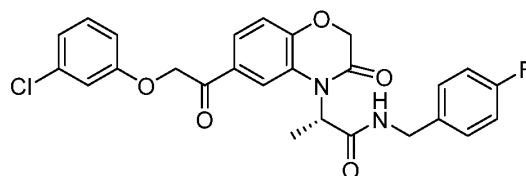
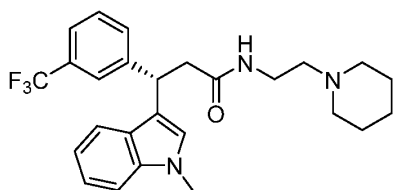
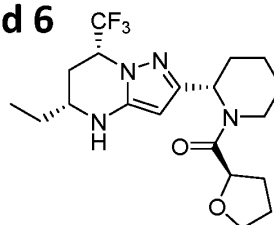
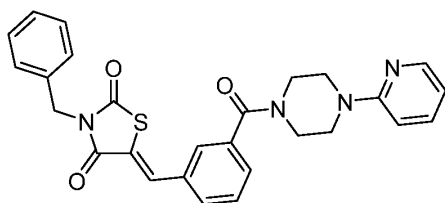
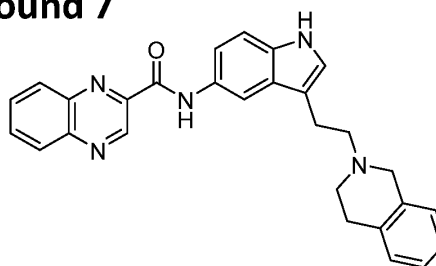
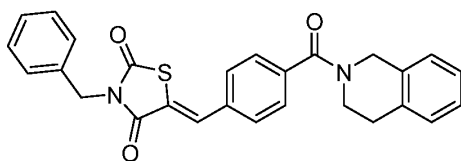
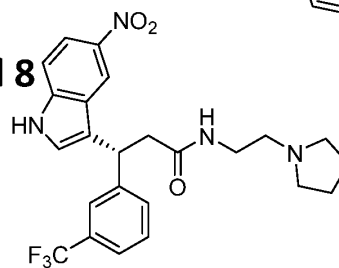


FIG. 1

Mitoketoscins

Compound 1**Compound 5****Compound 2****Compound 6****Compound 3****Compound 7****Compound 4****Compound 8****FIG. 2**

3D-Spheroid CSC Assay (Mammospheres)

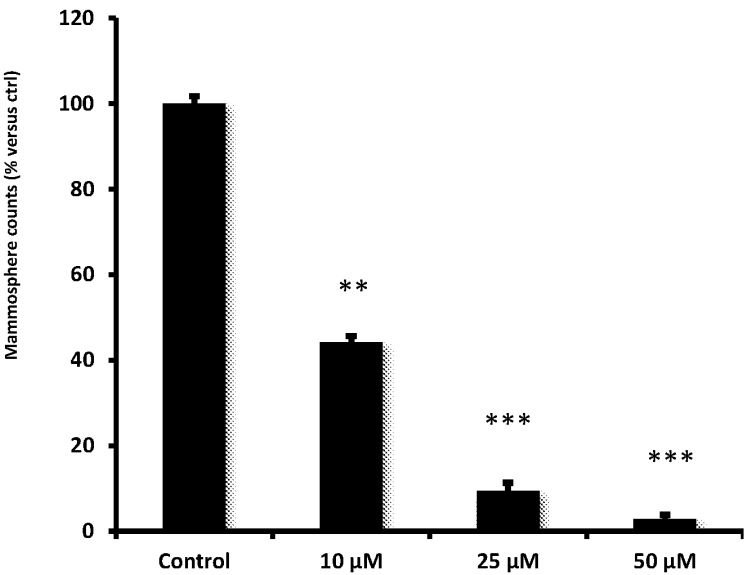


FIG. 3A

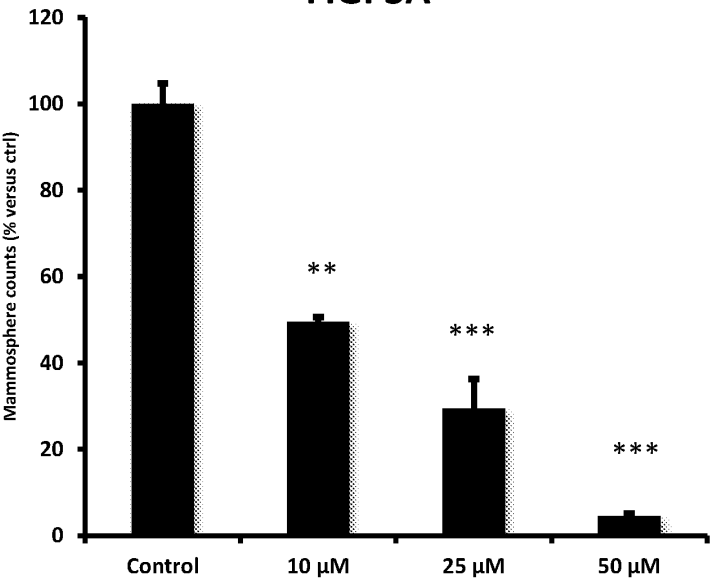


FIG. 3B

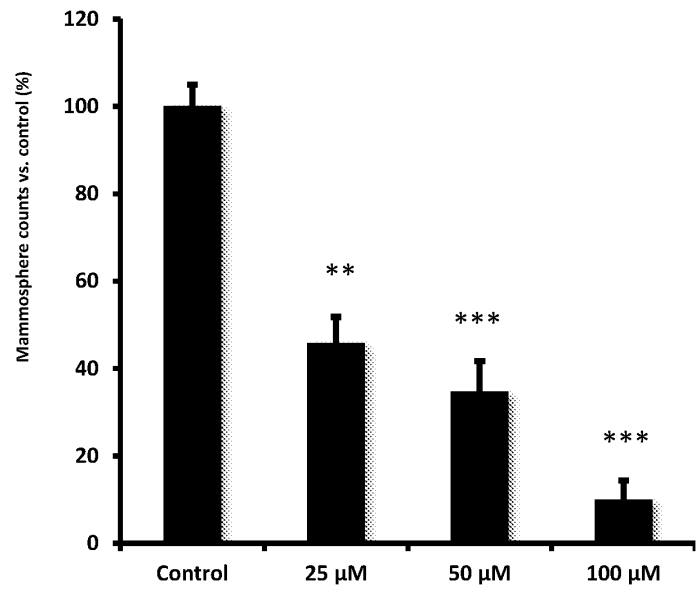


FIG. 3C

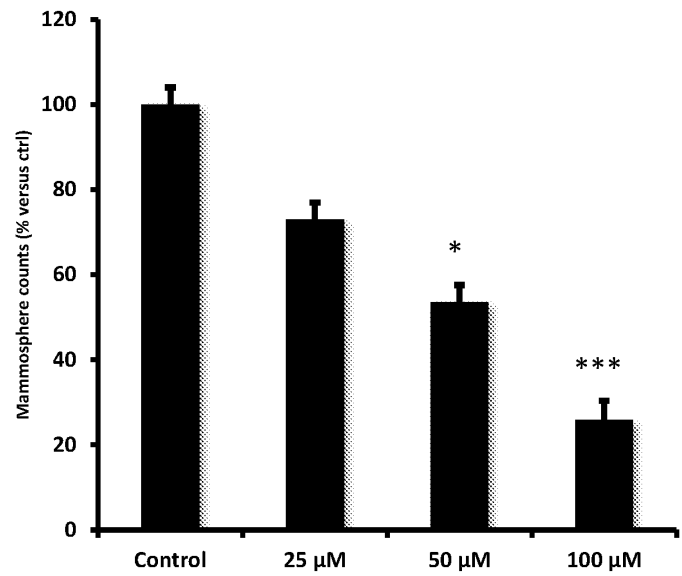


FIG. 3D

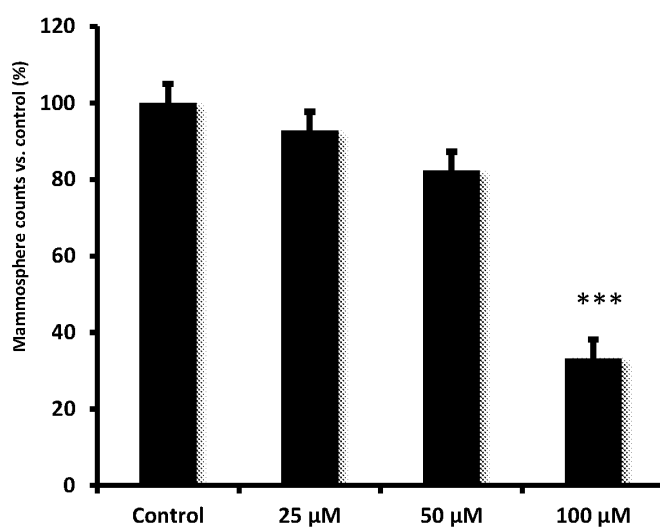


FIG. 3E

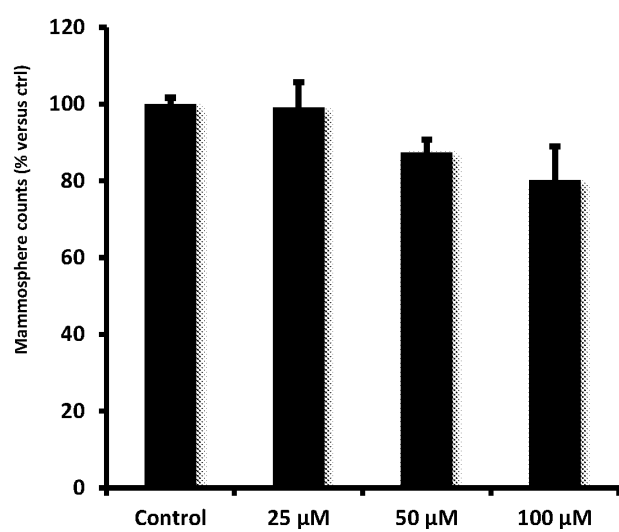


FIG. 3F

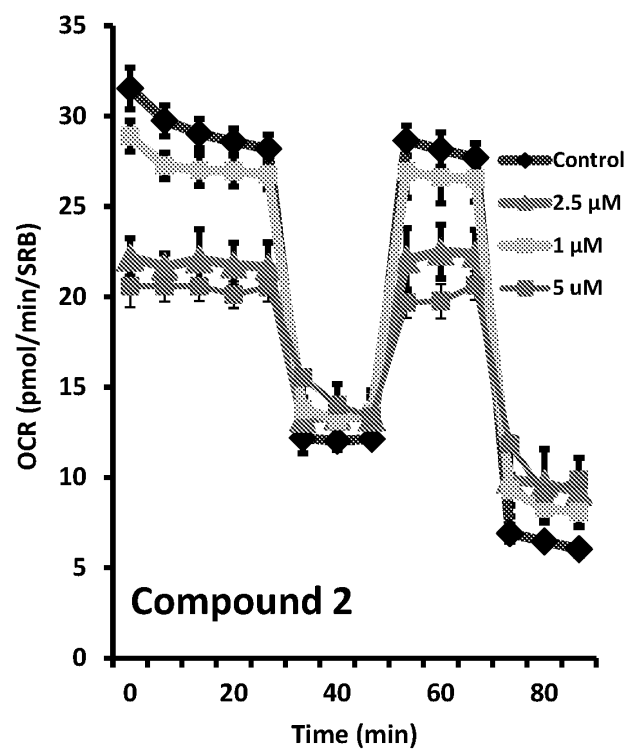


FIG. 4A

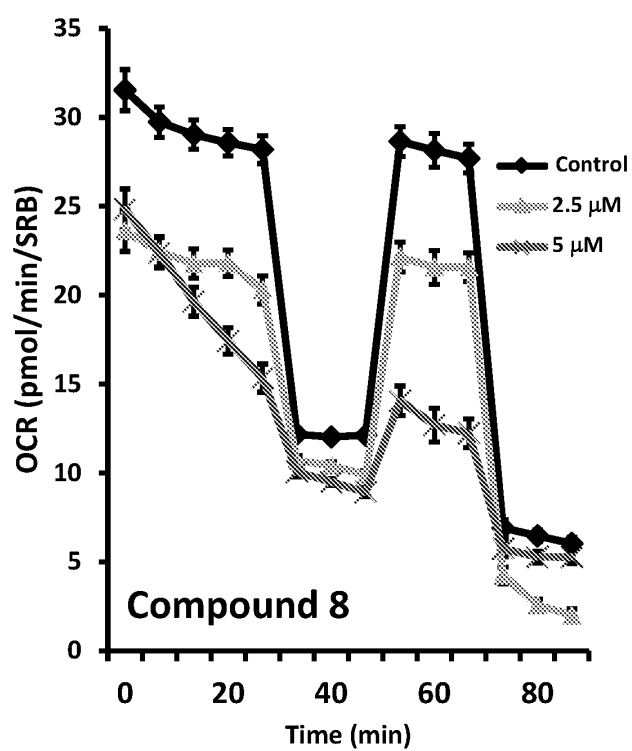


FIG. 4B

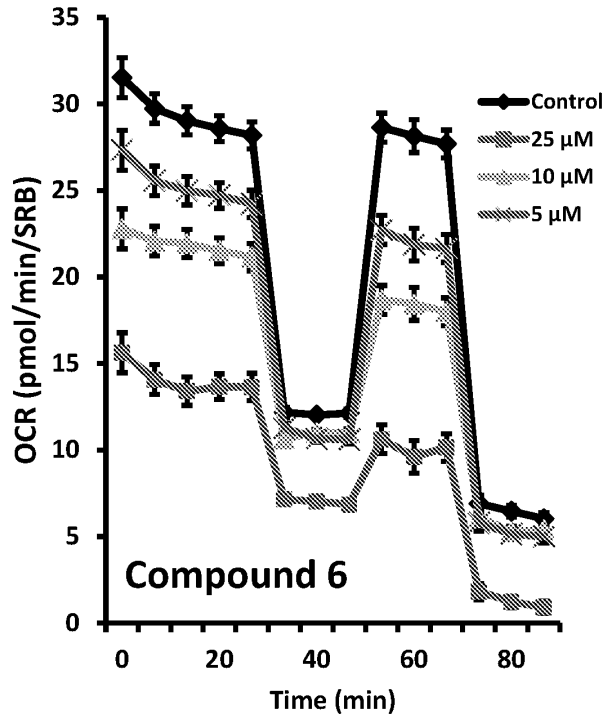


FIG. 4C

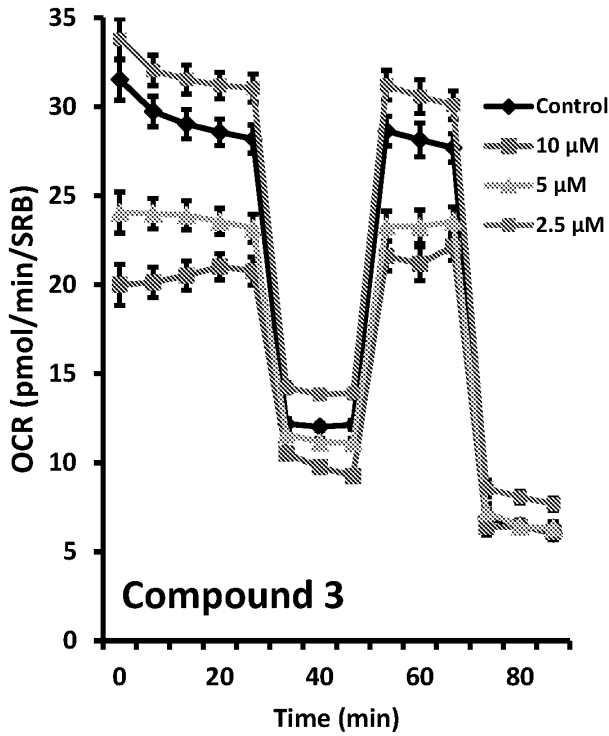
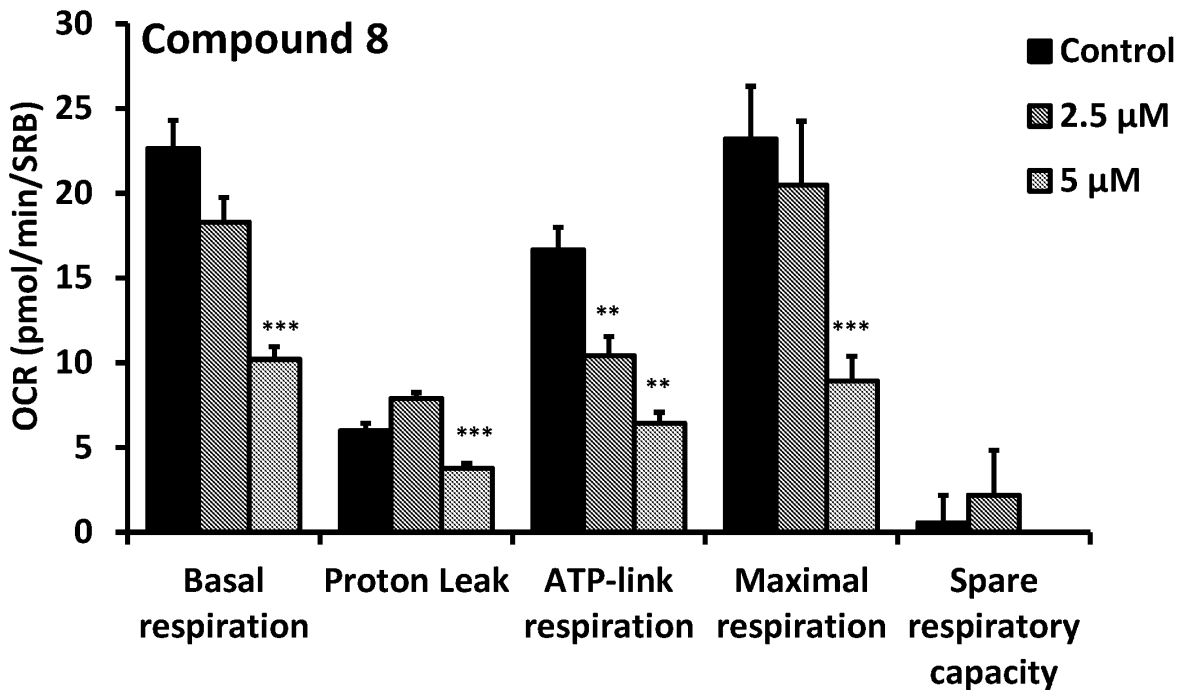
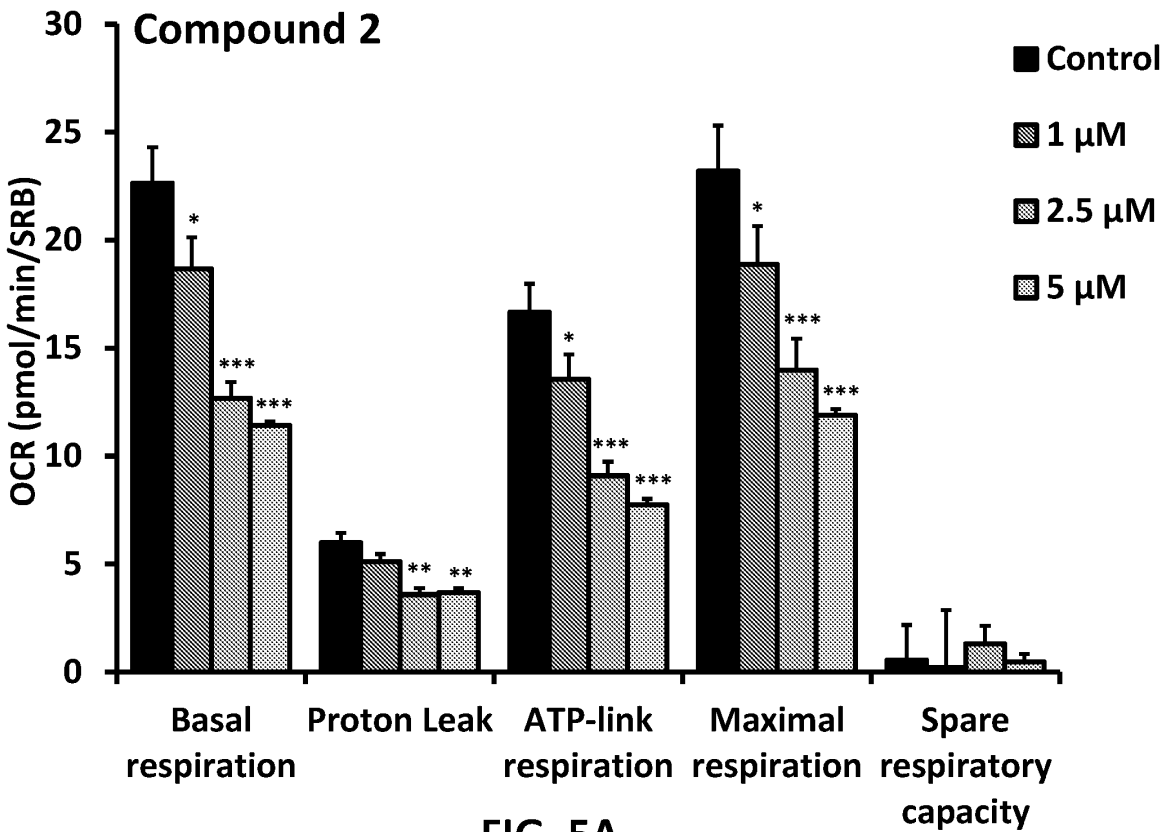


FIG. 4D



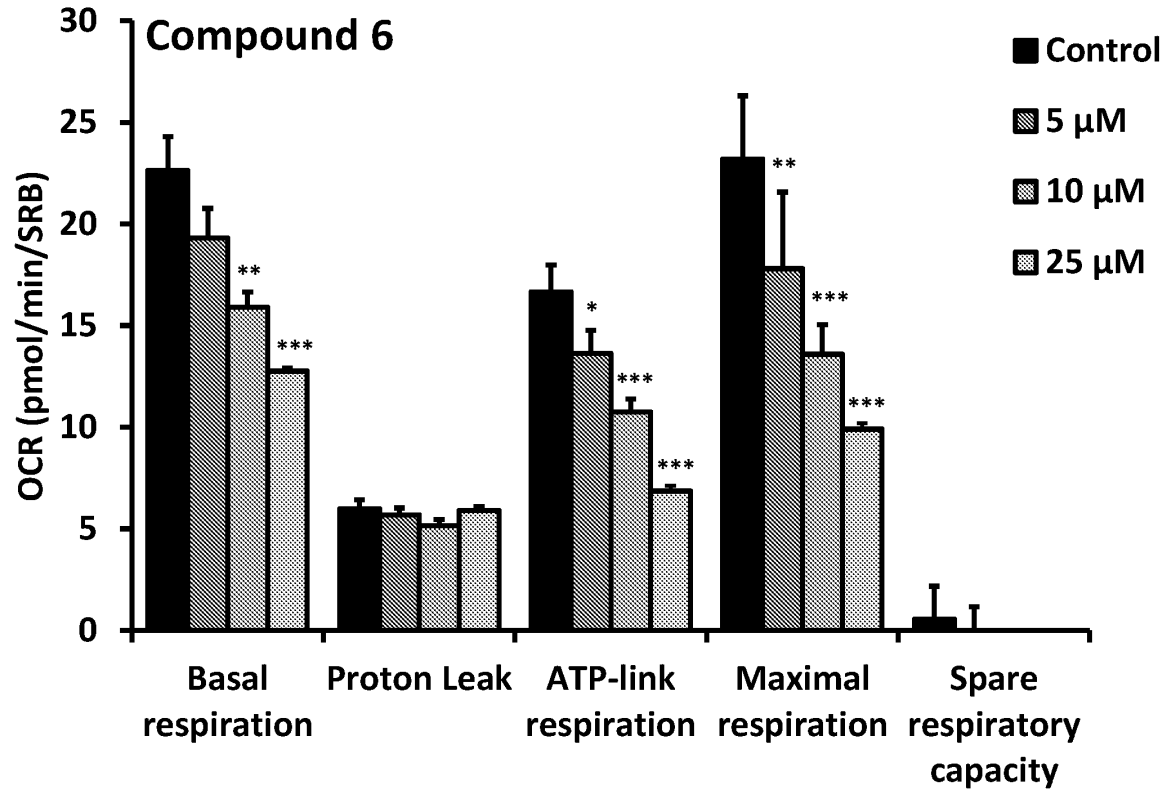


FIG. 6A

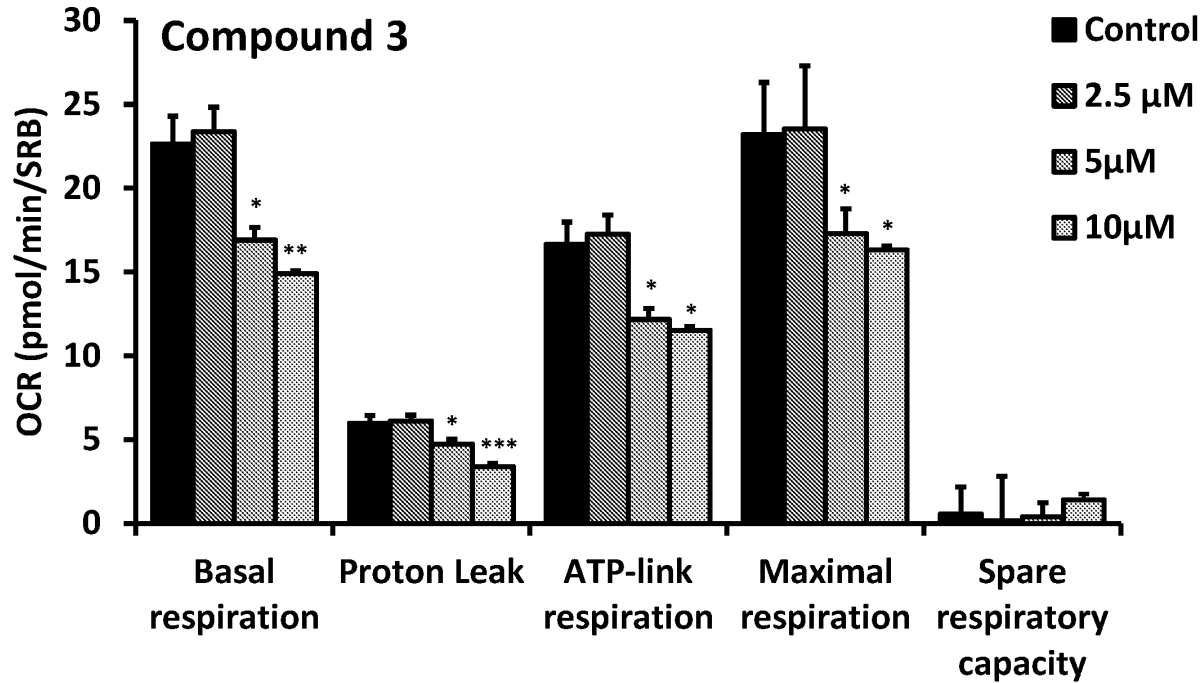


FIG. 6B

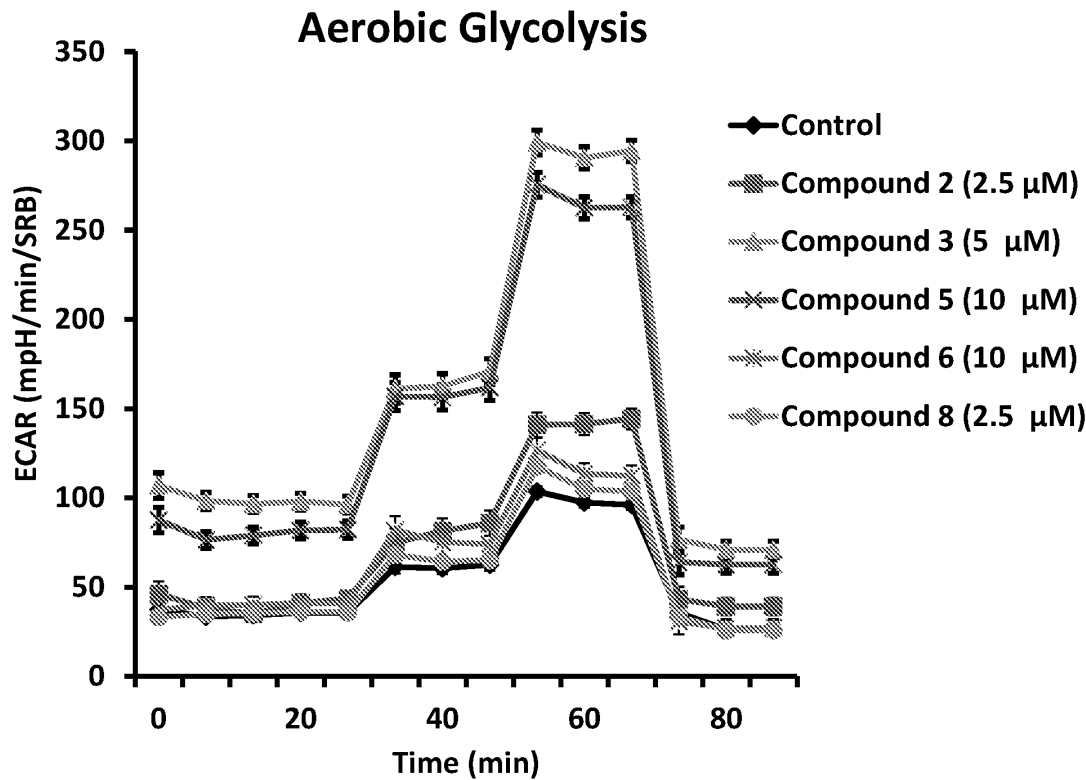


FIG. 7A

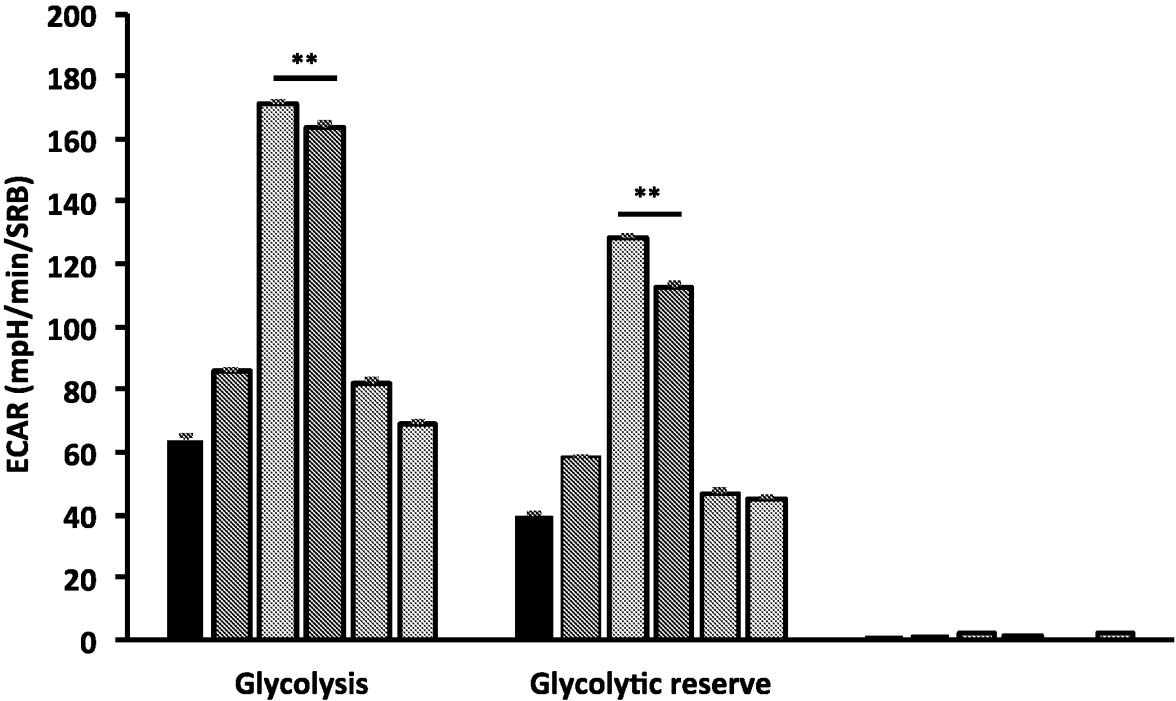


FIG. 7B

Compound 2

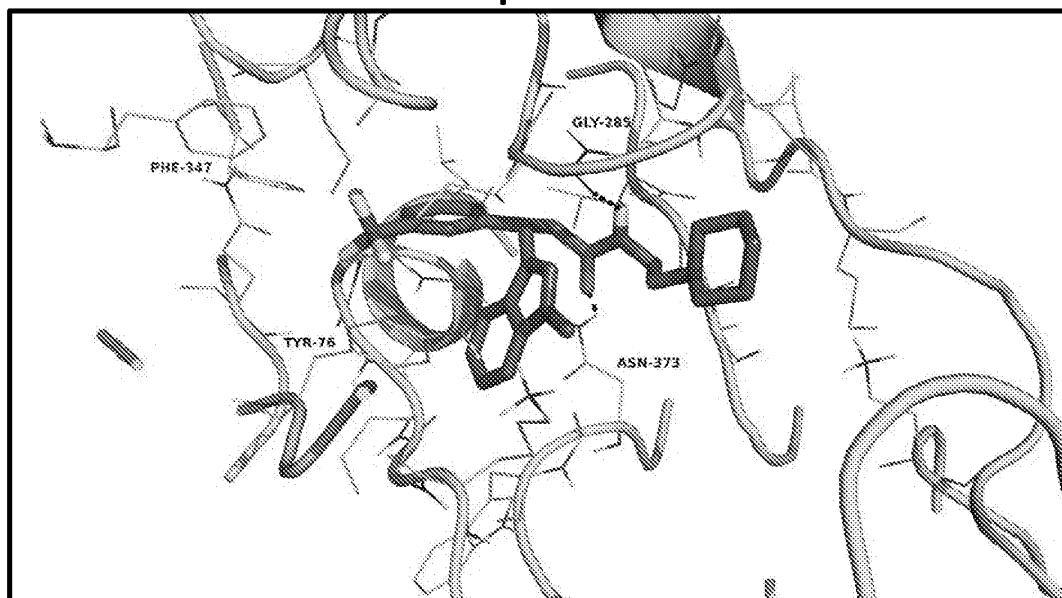


FIG. 8A

Compound 8

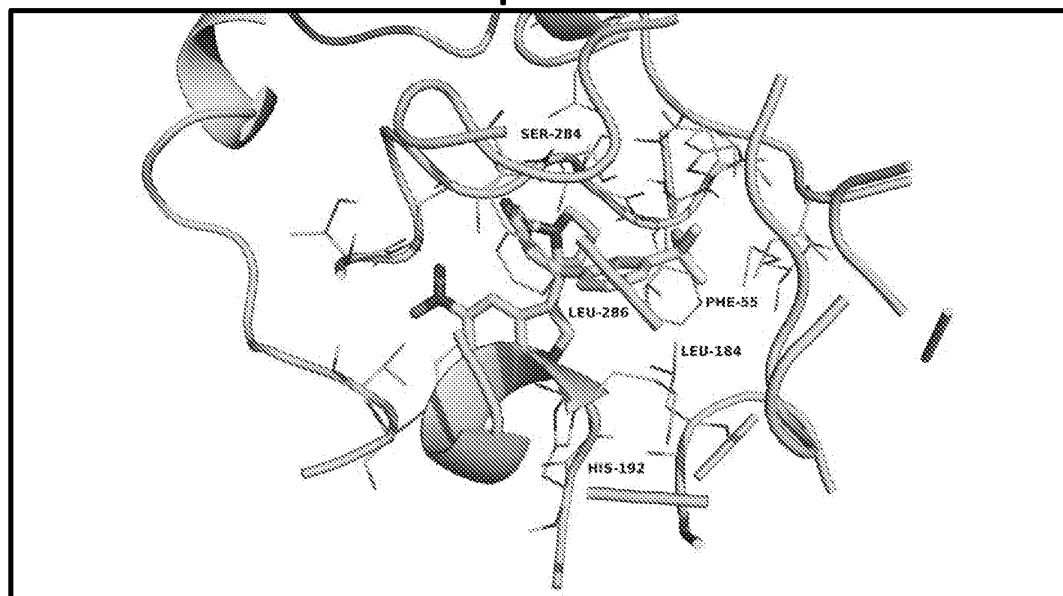


FIG. 8B

Compound 3

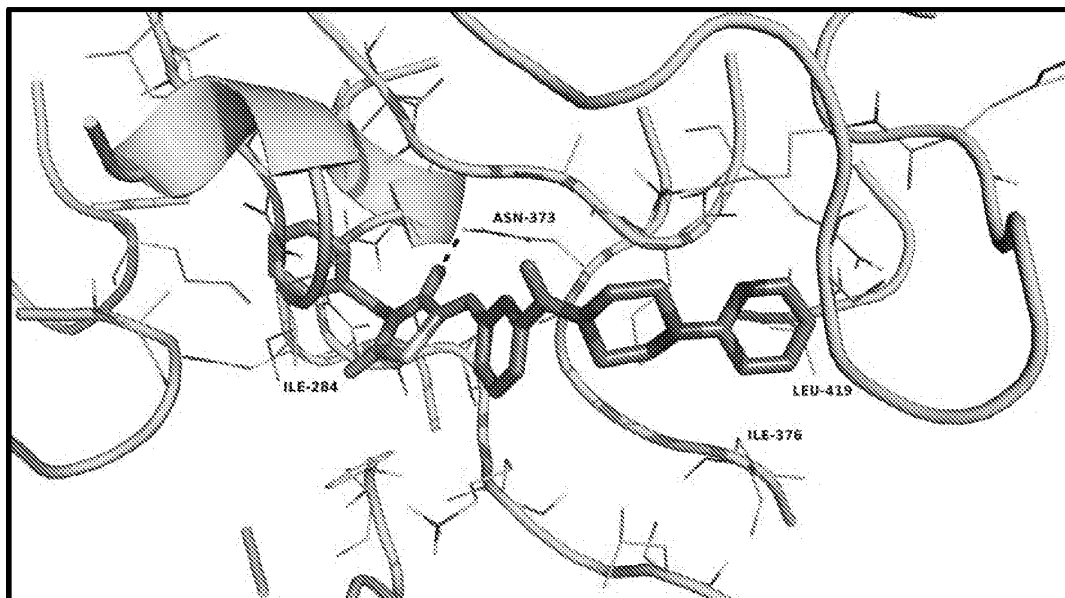


FIG. 8C

Compound 6

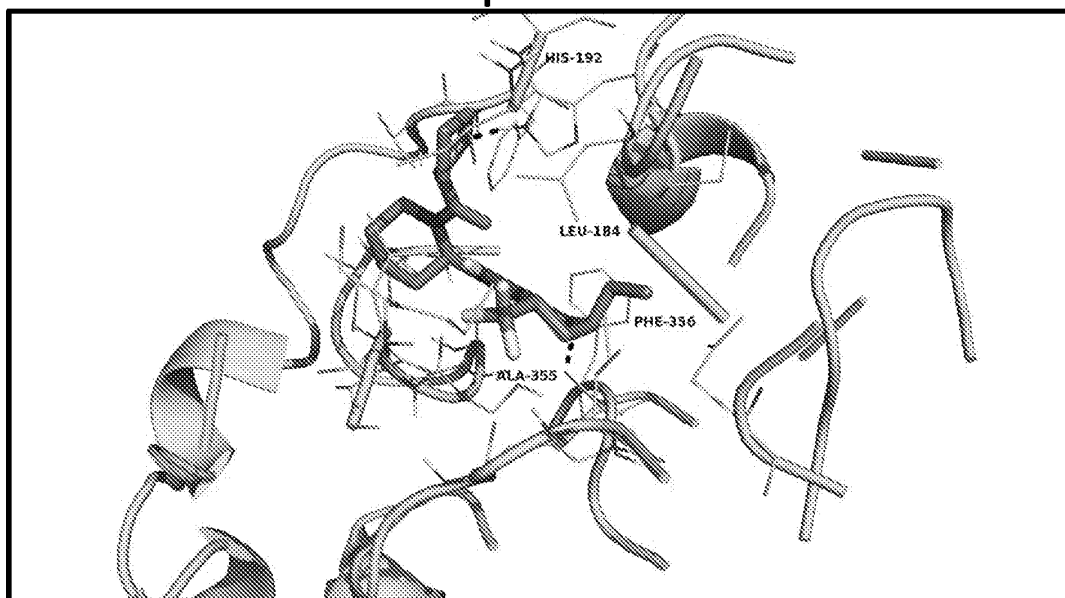


FIG. 8D

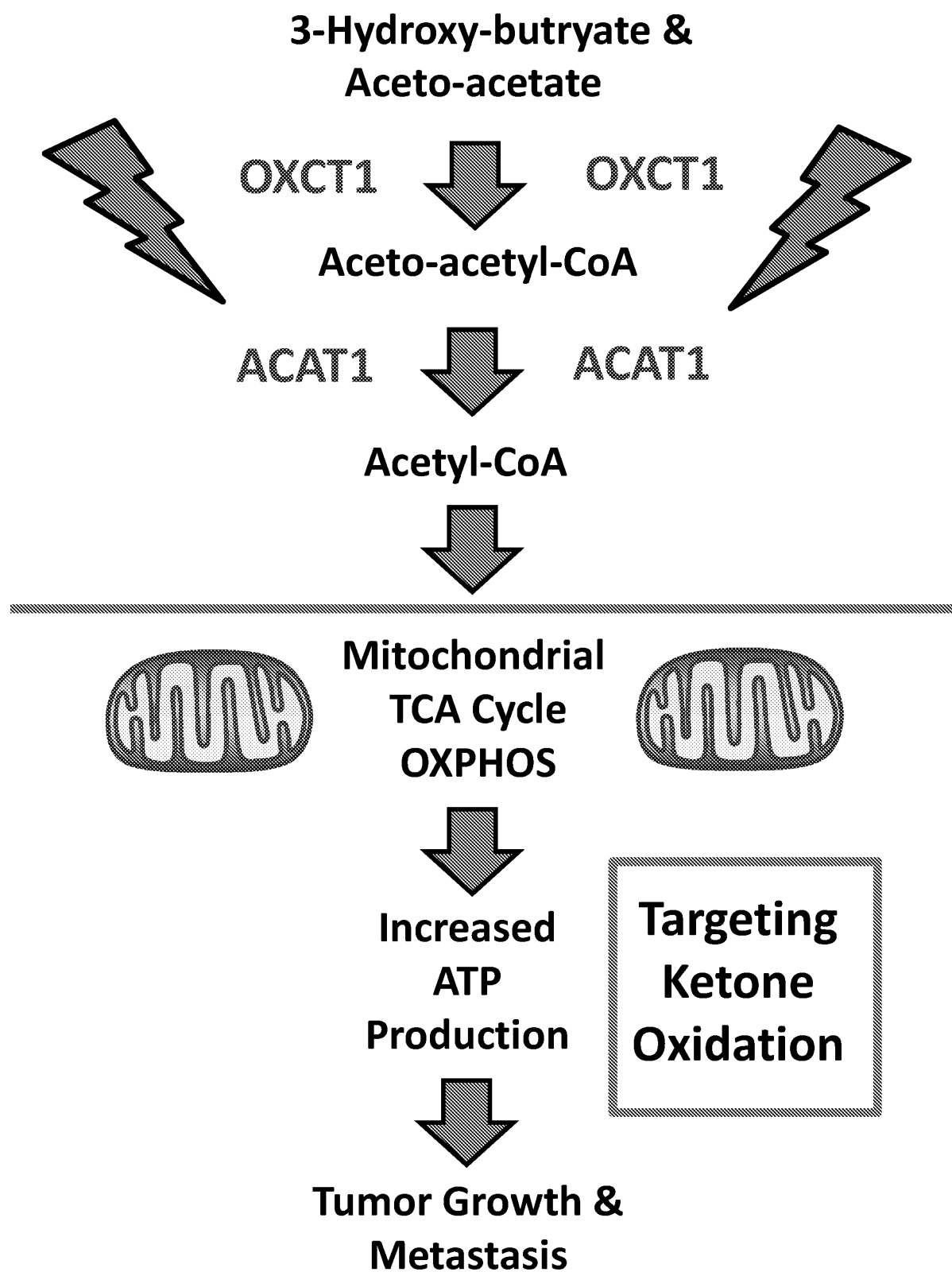
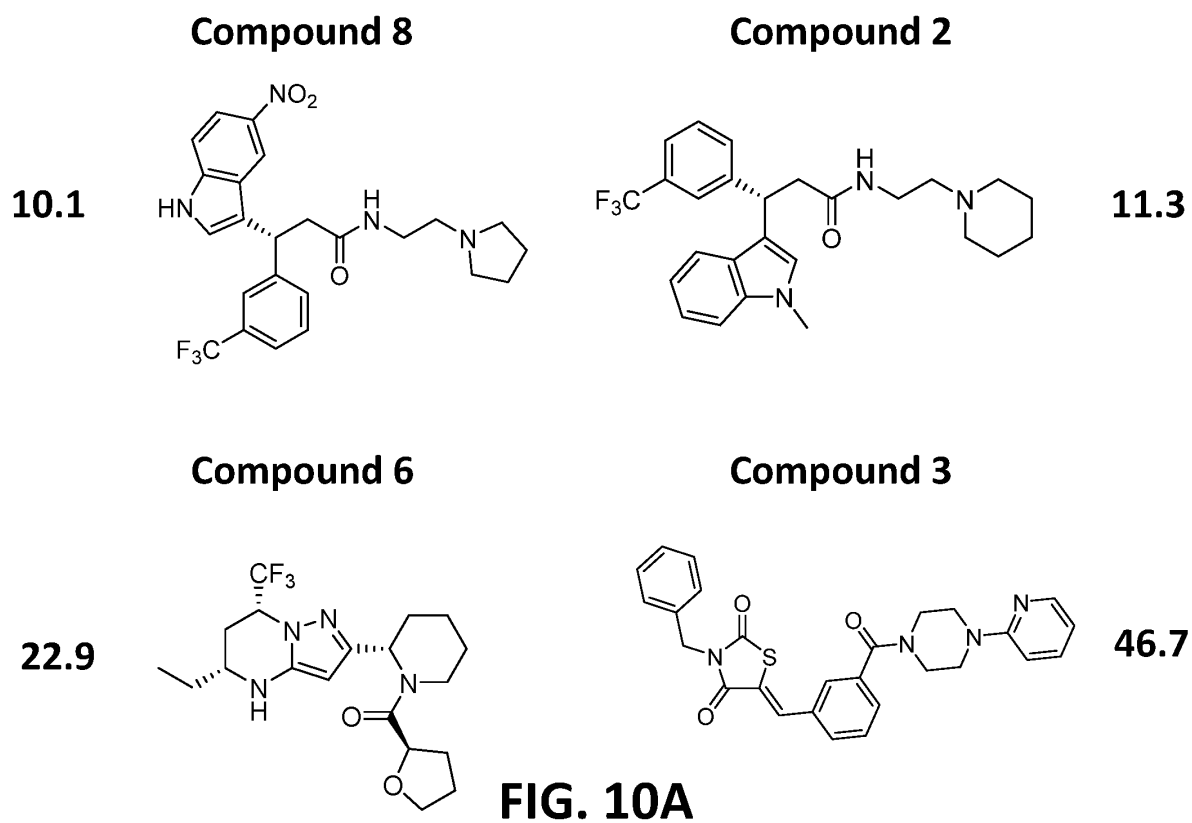
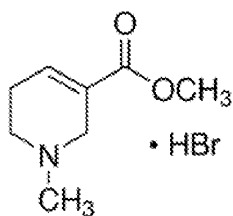


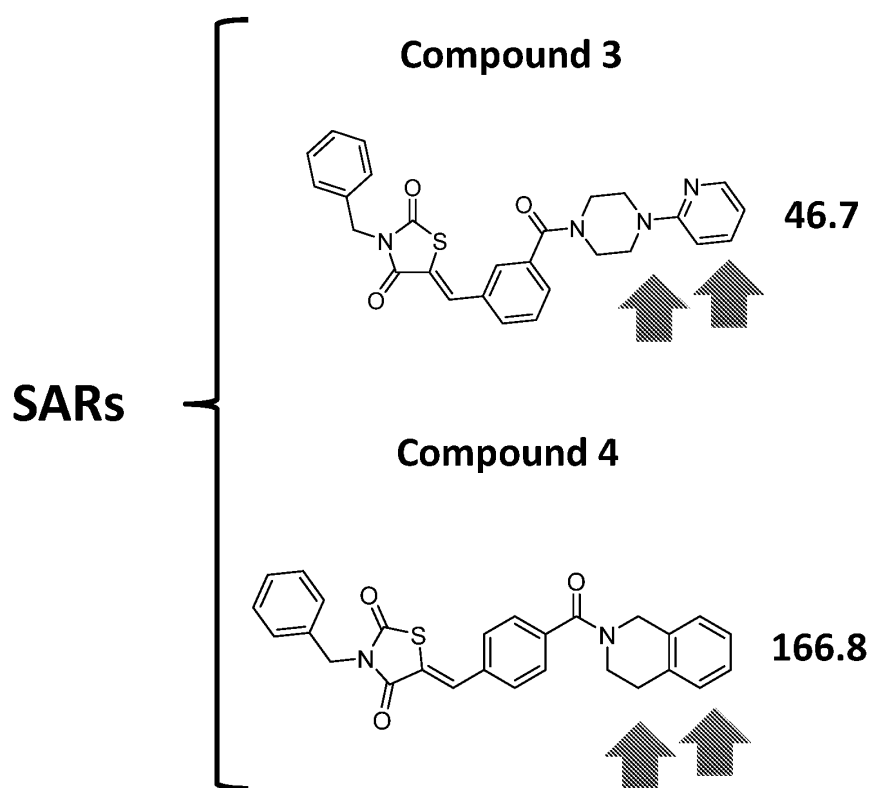
FIG. 9

Summary of the Mitoketoscins

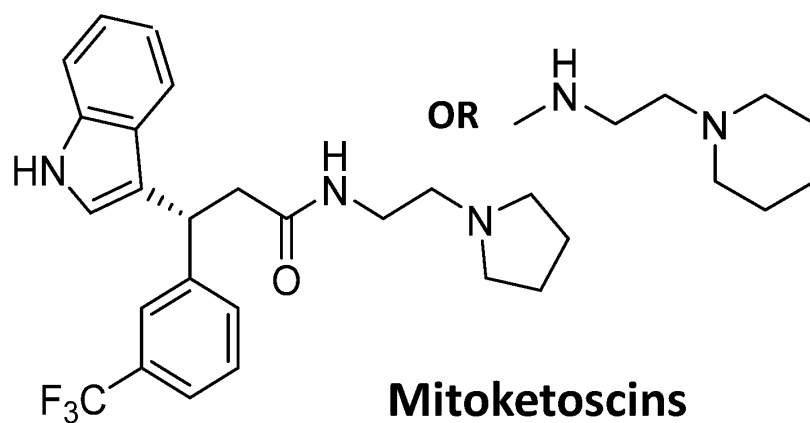


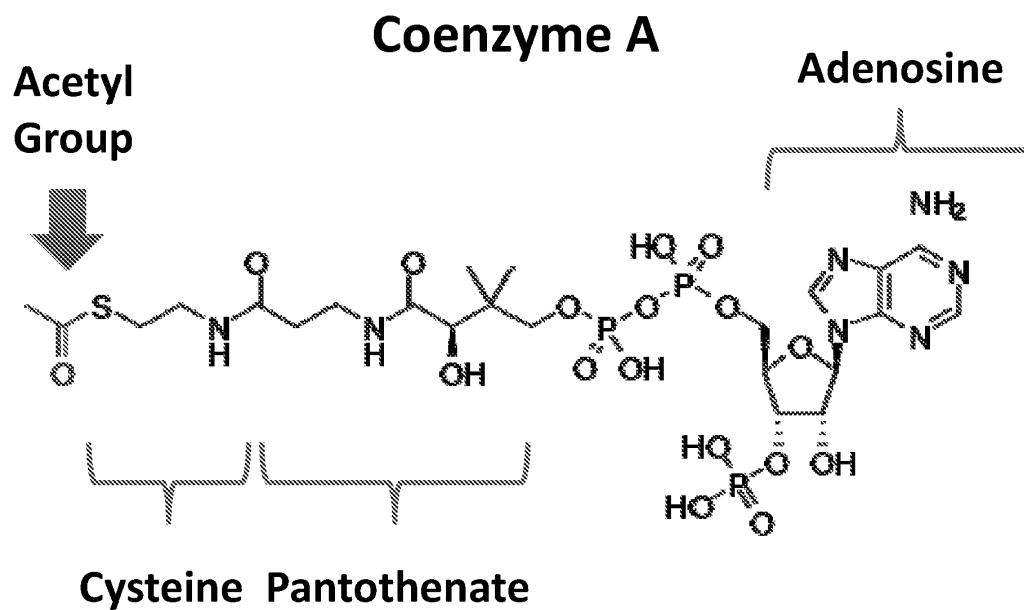
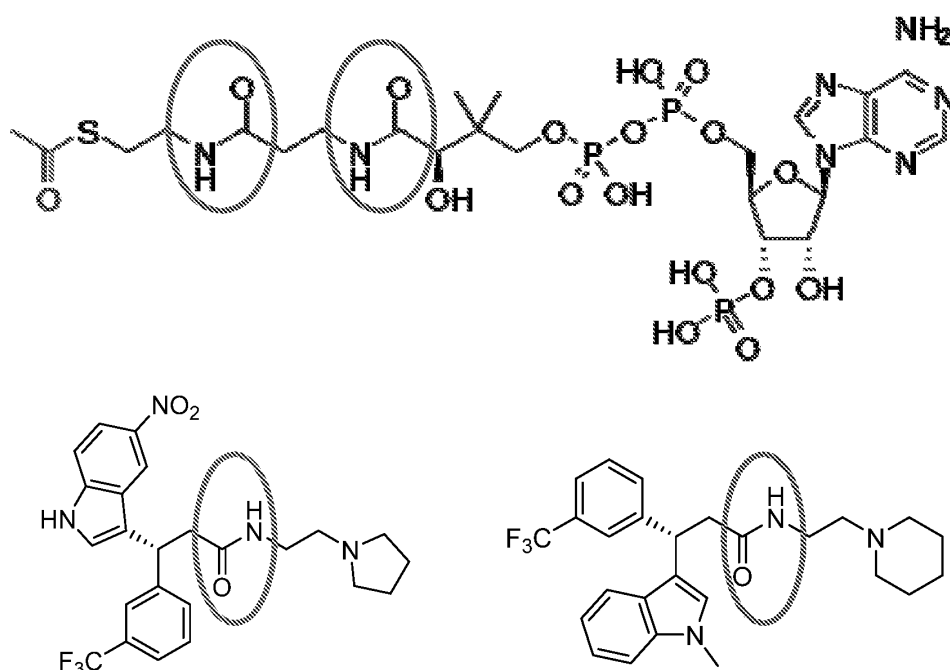
Arecoline



**FIG. 11A**

Pharmacophore: for Compounds 2 & 8

**FIG. 11B**

**FIG. 12A**

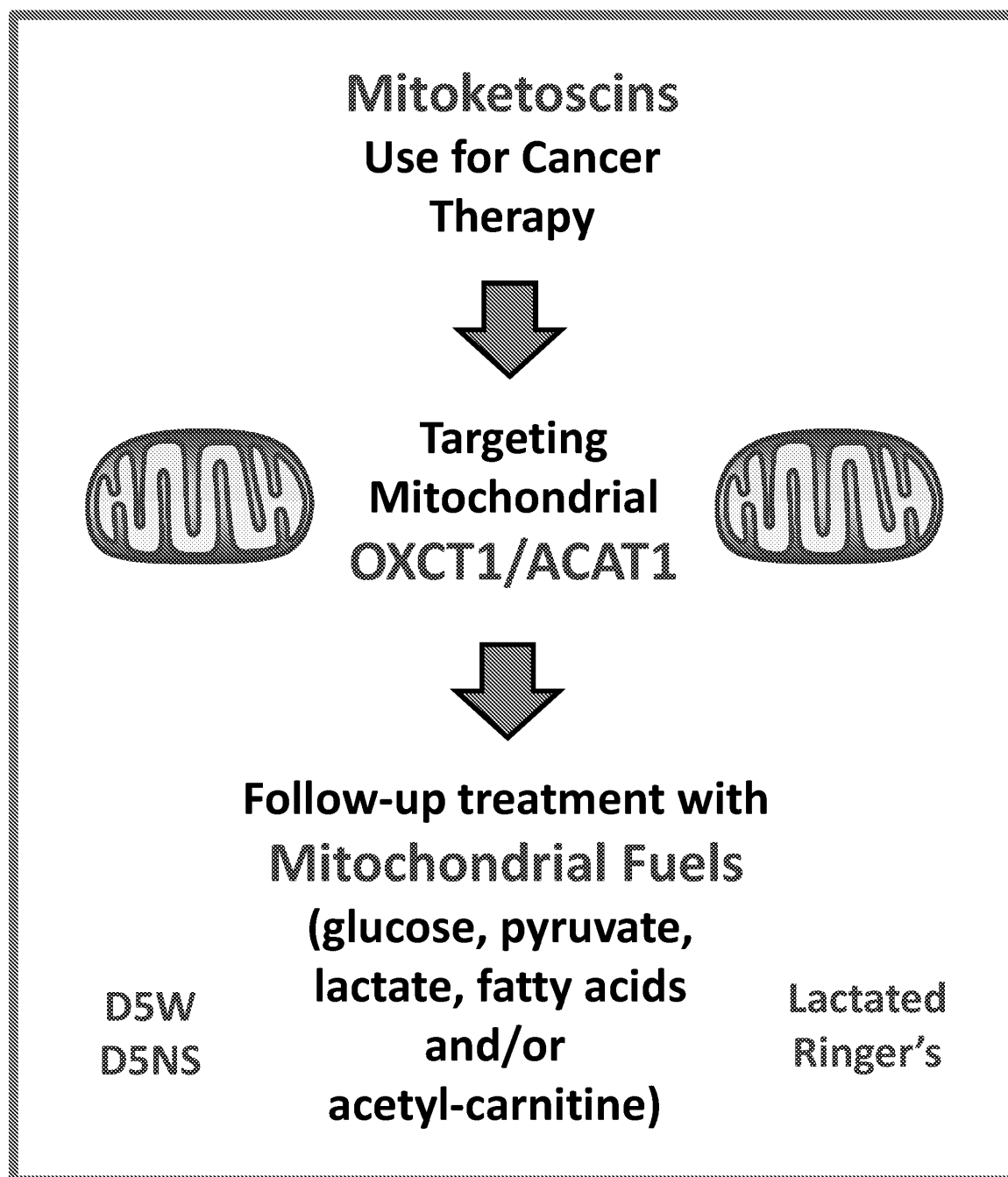


FIG. 13