Dear editors,

Thank you very much for editing our manuscript entitled: “**Specific regulation of senescence-associated secretory phenotype by a senescence-targeted activatable senomorphic**”, (Manuscript number: APT-650). We have carefully reviewed the manuscript proof materials. Below please find the changes we have made in the DOC file:

1. On page 2, in the section of **Synthesis of compounds**, “**H2D**” should be “**H2SD**”.
2. On page 2, in the section of **Synthesis of compounds**, “(5:3, **w/w**) should be “(5:3, **v/v**)”.
3. On page 2, in the section of **H2S release studies**,“PBS containing **β -gal** (0.5 U/mL)” should be “PBS containing **β-gal** (0.5 U/mL)”.
4. On page 2, in the section of **Senescence introduction and characterizations**,“the cell proliferation **abilit y**” should be “the cell proliferation **ability**”.
5. On page 3, in the section of **SASP inhibition analysis**, the “procedures were referred to the previous report **[9-12]**” should be “procedures were referred to the previous report **[9,13]**”.
6. On page 3, in the section of **Results**, the “Glycosylated intermediate (compound 3) was first synthesized according to previous work **[9-12]**” should be “Glycosylated intermediate (compound 3) was first synthesized according to previous work **[9]**”.
7. On page 7, in the section of **References**, the reference 13 “Chandrasekaran A, Idelchik MDS, & Melendez JA. Redox control of senescence and age-related disease. Redox Biol, 2017, 11: 91-102.” should be “Li JL, Xie YQ, Wang J, Wang LL, Xia YH, Liu YL, et al. Activatable and self-monitoring hydrogen sulfide-based molecular senomorphics for visualized regulation of cellular senescence. CCS Chemistry, 2023, DOI: 10.31635/ccschem.023.202302714.”.

Once again, we thank the editors for their editing and helpful proofreading. Please feel free to let us know if you have any questions or concerns.

Sincerely

Yanlan Liu