

NativusWell® (NLS-2)

- Global menopause supplement market is projected to exceed US\$50 billion by 2025¹
- NativusWell® is a novel nutraceutical supplement targeting women who are between 45 and 65 years old and experiencing menopausal, perimenopausal and postmenopausal syndromes
- Commercialization in the UK, Hong Kong and EU in 2022. Targeted for US market in 2023 subject to registration.
- Consists of Chinese yam extract containing DOI, a novel non-hormonal, bioactive compound found to²:
 - Significantly increase estradiol biosynthesis and aromatase expression in an *in vitro* granulosa cell model and in an *in vivo* preclinical model
 - Increase the apparent bone mineral density, bone volume fraction and trabecular thickness in an *in vivo* preclinical model
 - Act in a tissue-specific manner. DOI causes upregulation of aromatase, an enzyme involved in the production of estrogen, in the ovary but not in other tissues
 - Appear to be safe as indicated in both *in vitro* cellular and *in vivo* preclinical models



1. Grand View Research. Isoflavones Market Size Worth \$50.06 Billion By 2025. <https://www.grandviewresearch.com/press-release/global-isoflavones-market>; 2. Sci. Rep. 5, 10179; doi: 10.1038/srep10179 (2015).
All conclusory statements on this slide are based on Aptorum's internal tests/experimentation and has not yet been verified by clinical trials or third party testing.