

Supplementary Material

Table S1. Diet characteristics of the experiment.

Group	Diet characteristics	Dose administered through feedstuff
1. Control	Feedstuff as is (not enriched)	Not applied
2. Oleuropein (OLE)	Feedstuff enriched with oleuropein standard (Extrasynthese, Genay, France)	5 mg oleuropein/kg weight rat
3. Secoiridoids (SEC)	Feedstuff enriched with secoiridoids extracted from olive cake*	5 mg 3,4-DHPEA-EDA/kg weight rat
4. Hydroxytyrosol (HT)	Feedstuff enriched with hydroxytyrosol standard (Seprox Biotech, Madrid, Spain)	5 mg hydroxytyrosol/kg weight rat
5. Secoiridoids + Thyme phenols (SEC+T)	Feedstuff enriched with a combination of secoiridoids extracted from olive cake* and phenols from thyme**	2.5 mg 3,4-DHPEA-EDA/kg weight rat + 2.5 mg thyme phenols (rosmarinic acid + thymusin)/kg weight rat
6. Thyme phenols (T)	Feedstuff which contains thyme**	5 mg of thyme phenols (rosmarinic acid + thymusin)/kg rat

* Dose prepared based on the main phenolic compound in the olive cake extract: 3,4-DHPEA-EDA (dialdehydic form of elenolic acid linked with hydroxytyrosol).

** Dose prepared based on the concentration of the main phenolic compounds in the thyme extract: rosmarinic acid and the flavonoid, thymusin.