

Supplementary Table S1. Physico-chemical properties of melatonin and resveratrol.

Drug	Molecular mass (g/mol)	m.p. °C	Solubility	LogP	Form/ colour	Storage/ stability	Toxicity
<b>Melatonin</b>	232.30	114 to 124	Methanol (50 mg/ml)	1.65	White to slightly yellow powder	+2°C to +8°C Protect from light	None - Standard handling
<b>Trans-Resveratrol</b>	228.24	250-257	DMSO (50 mg/ml)	3.1	Off-white powder	+2°C to +8°C Protect from light	None - Standard handling