Supplementary information

Table S1. Concentration of the drugs necessary to reach half the maximum effect - cell death (LC_{50}), Top (maximum effect), Bottom (minimum effect) and Hill slope of the concentration-response curves of 2C-I (0-10 mM) and 25I-NBOMe (0-0.5 mM) in *C. elegans*, 24 hours after exposure. [**** $p < 0.0001$ 2C-I LC_{50} *vs* 25I-NBOMe LC_{50}]. LC_{50} results are presented as mean with 95% Confidence Interval (CI).

	2C-I	**25I-NBOMe**
LC_{50} half-maximum-effect concentrations, mM 95% CI	**1.374** (1.284 - 1.448)	**0.236** (0.213 - 0.255)
Top maximal cell death, % control	96.68	100.0
Bottom baseline, % control	9.734	12.20
Hill slope	7.360	4.940
Curve *p* value comparison between the fitted curves	-	****