

Supplementary Table 2: Enzymatic and cell based IC₅₀ values related to PERK, ATF4 and GCN2

Compound	PERK ^a Enzyme IC ₅₀ (μM)	PERK ^b Cell-based IC ₅₀ (μM)	PERK-activated ATF4-luc ^c Cell-based IC ₅₀ (μM)	GCN2-activated ATF4-luc ^d Cell-based IC ₅₀ (μM)
HC4	0.004	0.033	0.067	>10
HC19	0.004	0.045	0.072	>10
HC28	0.002	0.009	0.026	>10
GSK157	0.002	0.014	0.024	>10

^aPERK biochemical assay using purified eIF2a as substrate. ^bCell-based assay of tunicamycin-induced eIF2a phosphorylation in 293 cells. ^cCell-based assay of tunicamycin-induced (PERK activated) ATF4-Luc activity in 293 cells. ^dGCN2 Cell-based assay of Halofuginone-induced (GCN2 activated) ATF4-Luc activity in 293 cells.