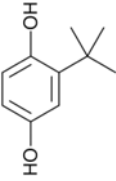


Compound	Structure	Class	Source	Mechanisms of Nrf2 induction	Reference
tBHQ		Oxidizable diphenols	Synthetic	<ul style="list-style-type: none"> Keap1-cys151 Ubiquitination of Keap1 Activation of JNK1 and ERK2 	[17, 34, 37–40]
Arsenic trioxide	As ³⁺	Trivalent arsenicals	Environmental toxicant	<ul style="list-style-type: none"> p62 dependent Ubiquitination of Keap1 Keap1-cys151² 273, 288 	[41–44]

¹ Specific position of cysteine is not clear.

² Both dependence and independent on Keap1-cys151 were reported, probably due to different experimental conditions such as cell cultures, treatment time and choice of amino acid mutation.