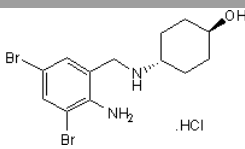
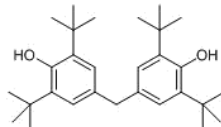
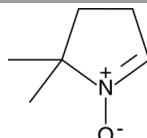
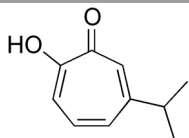
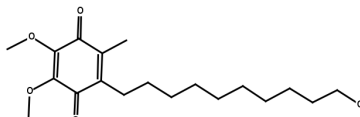
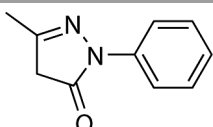
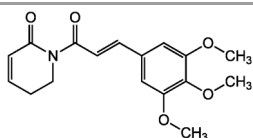
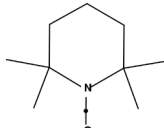
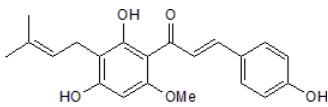


## Oxidative Stress Small Molecules

Oxidative stress describes the steady state level of oxidative damage in a cell, tissue, or organ, caused by the reactive oxygen species (ROS). This damage can have a widespread effect on an entire organism, or on just a single molecule. It is caused by an imbalance between the production of reactive oxygen and a biological system's ability to readily detoxify the reactive intermediates or easily repair the resulting damage.

Description	Structure	Catalog No.	Size
<b>Ambroxol HCl</b>   $C_{13}H_{18}Br_2N_2O \cdot HCl$   CAS#: 23828-92-4 <i>Free radical scavenger</i>		SIH-153	50mg/500mg
<b>Bis-BHT</b>   $C_{29}H_{44}O_2$   CAS#: 118-82-1 <i>Phenolic antioxidant</i>		SIH-154	100mg/500mg
<b>DMPO</b>   $C_6H_{11}NO$   CAS#: 3317-61-1 <i>Nitron adduct formation</i>		SIH-324	25mg/125mg
<b>Hinokitiol</b>   $C_{10}H_{12}O_3$   CAS#: 499-44-6 <i>Iron chelator antioxidant</i>		SIH-151	50mg/250mg
<b>Idebenone</b>   $C_{19}H_{30}O_5$   CAS#: 58186-27-9 <i>Quinone antioxidant and free radical scavenger</i>		SIH-150	20mg/100mg
<b>MCI-186</b>   $C_{10}H_{10}N_2O$   CAS#: 89-25-8 <i>Free radical scavenger</i>		SIH-152	50mg/250mg
<b>Piperlongumine</b>   $C_{17}H_{19}NO_5$   CAS#: 20069-09-4 <i>Apoptosis inducer in oxidative stressed cells</i>		SIH-156	20mg/100mg
<b>TEMPO</b>   $C_9H_{18}NO$   CAS#: 2564-83-2 <i>Stabilized free radical</i>		SIH-155	500mg
<b>Xanthohumol</b>   $C_{21}H_{22}O_5$   CAS#: 6754-58-1 <i>Autophagy inhibitor</i>		SIH-370	10mg/50mg