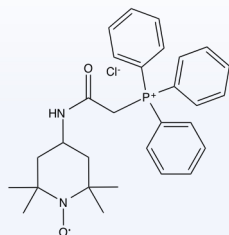
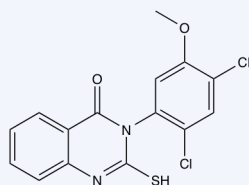


## Mitochondrial Apoptosis



Mito-TEMPO



Mdivi

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### Mitoquinone

A mitochondria-targeted antioxidant displaying cardio- and neuroprotective effects.<sup>1,2</sup>

10-1363 5 mg, 25 mg

### Mito-TEMPO

A mitochondria-targeted antioxidant targeting reactive oxygen species.<sup>3,4,5</sup>

10-4100 5 mg, 25 mg

### AT-101

A small molecule mimic of the BH3 domain of cellular Bcl-2 inhibitors which interferes with the function of Bcl-2-family anti-apoptotic proteins. Induces apoptosis in drug-resistant multiple myeloma cell lines. Apoptosis is activated by the mitochondrial pathway. Cell permeable.<sup>6,7</sup>

10-1165 10 mg, 50 mg

### Mdivi

Selective inhibitor of Dnm1 GTPase (IC<sub>50</sub>=1-10 μM). Inhibits mitochondrial outer membrane permeabilization. Inhibits mitochondrial division and apoptosis. Cell permeable.<sup>8,9</sup>

10-1179 5 mg, 25 mg

### FCCP

FCCP is a potent and reversible inhibitor of mitochondrial oxidative phosphorylation. It depolarizes mitochondrial membrane potential and induces apoptosis.<sup>10</sup>

10-1181 10 mg, 50 mg

### Betulinic Acid

Induces mitochondrial permeability pore opening leading to apoptosis in a variety of cell lines.<sup>11</sup>

10-2278 10 mg, 50 mg

### Cyclosporine A

Inhibits mitochondrial permeability pore opening inhibiting apoptosis.<sup>12,13</sup>

10-1119 100 mg, 500 mg

### PK-11195

PK-11195 is a selective and potent peripheral benzodiazepine receptor, PBR (or TSPO, translocator protein) antagonist – a mitochondrial outer membrane protein. It has also been shown to chemosensitize tumor cells to a variety of chemotherapeutic agents via PBR-independent pathways.<sup>14,15</sup> PK11195 is also able to induce apoptosis in a variety of cell lines.<sup>16,17,18</sup>

10-2221 5 mg, 25 mg

### Obatoclax

Bcl-2 antagonist that overcomes Bcl-2, Bcl-xL, Bcl-w and Mcl-1-mediated resistance to BAX or BAK.<sup>19,20</sup>

10-2660 5 mg, 25 mg