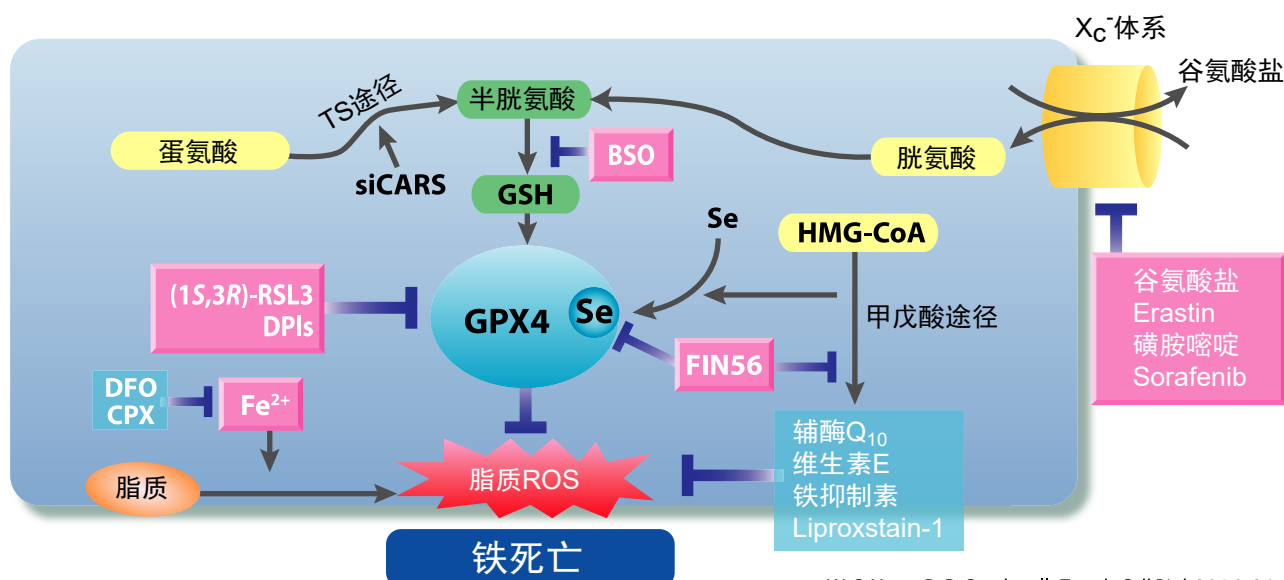


铁死亡研究试剂

铁依赖的程序性细胞死亡

铁死亡是近年来公认的一种调节性细胞死亡形式，其特征是铁代谢引起的脂质过氧化产物和致死性活性氧（ROS）的积累。活化的线粒体电压依赖性阴离子通道和丝裂原活化蛋白激酶的活化、上调的内质网应激以及抑制的胱氨酸/谷氨酸逆向转运都是铁死亡的诱因。形态上表现为线粒体体积变小，线粒体膜密度增高，线粒体嵴减少或消失，线粒体外膜破裂。



W. S. Yang, B. R. Stockwell, *Trends Cell Biol.* **2016**, *26*, 165.

铁死亡抑制剂

Trolox Inhibitor of ferroptosis; antioxidant	1g/ 5g [H0726]	Ebselen Inhibitor of ferroptosis; Inhibits lipoxygenase, cyclooxygenase nitric oxide synthase, protein kinase C and H ⁺ /K ⁺ -ATPase activity. Inhibits the hepatic carcinogenic effects of aflatoxin B ₁ .	25mg/ 100mg [E0946]
Baicalein Inhibitor of ferroptosis; 5- and 1-lipoxygenase inhibitor	1g/ 5g [T2721]	Idebenone Inhibitor of ferroptosis; blocks glutamate neurotoxicity in vitro and in vivo	1g/ 5g [I0848]
Coenzyme Q₁₀ (= CoQ₁₀) Inhibitor of ferroptosis; antioxidant	100mg/ 1g [C1971]		

铁死亡激活剂

L-Glutamic Acid Induces ferroptosis; endogenous, non-selective agonist	25g/ 500g [G0059]	Sulfasalazine Induces ferroptosis; cystine-glutamate antiporter inhibitor and inhibitor of NF- κ B activation	25g [S0580]
Simvastatin Induces ferroptosis; HMG-CoA reductase inhibitor	100mg/ 1g [S0509]		

更多信息，请查看我们的主页：www.TCIchemicals.com

细胞信号

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