Description
Chrysophanol is an anthraquinone originally found in species of *Rheum*. Chrysophanol exhibits anti-inflammatory, antiviral, antibiotic, and anticancer activities. In animal models of cerebral ischemia/reperfusion, chrysophanol inhibits activation of the NALP3 inflammasome, ameliorating stroke-related pathology. Chrysophanol also decreases proliferation of Japanese encephalitis virus in vitro and displays antibacterial activity against *Mycobacterium tuberculosis*. In lung cancer cells, this compound increases levels of ROS and decreases the mitochondrial membrane potential, inducing necrotic cell death.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.