

Catalase

Chemical Properties

CAS No. : 9001-05-2

Formula:

Molecular Weight:

Catalase

Storage: Store at low temperature, The compound is unstable in solution. Please use soon

Powder: -20°C for 3 years

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Catalase is an essential enzyme in the metabolism of H ₂ O ₂ and reactive oxygen species (ROS), making it useful for tumor research. Solutions of catalase should not be frozen. Frozen solution will result in a 50-70% loss of activity. Catalase is recommended to be prepared freshly before use.
Targets(IC50)	Others, Reactive Oxygen Species, ROS

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Glorieux C, et al. Catalase, a remarkable enzyme: targeting the oldest antioxidant enzyme to find a new cancer treatment approach. Biol Chem. 2017 Sep 26;398(10):1095-1108.

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