

## Cathepsin B

## Chemical Properties

CAS No. : 9047-22-7

Formula:

Molecular Weight:

Storage: Keep away from moisture,Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Cathepsin B is a cysteine protease located within the subcellular endosomes and lysosomal compartments that mediates apoptosis and can be used in cancer research.
Targets(IC50)	Apoptosis,Ferroptosis,Autophagy,Necroptosis

## Reference

Xie Z, et al. Cathepsin B in programmed cell death machinery: mechanisms of execution and regulatory pathways. Cell Death Dis. 2023 Apr 8;14(4):255.

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