

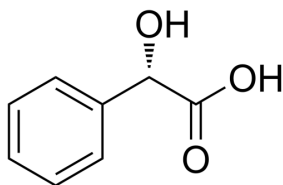
## (S)-Mandelic acid

Cat. No.: HY-Y0816  
CAS No.: 17199-29-0  
Batch No.: 148758  
Chemical Name: Benzeneacetic acid,  $\alpha$ -hydroxy-, ( $\alpha$ S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_8O_3$   
Molecular Weight: 152.15  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.24%  
Water(KF): 0.12%  
Residue on Ignition: 0.08%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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