

## D-Desthiobiotin

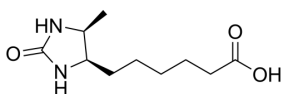
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Cat. No.: HY-128699  
CAS No.: 533-48-2  
Batch No.: 155439  
Chemical Name: 4-Imidazolidinehexanoic acid, 5-methyl-2-oxo-, (4R,5S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>  
Molecular Weight: 214.26  
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): 99.89%  
Optical Rotation: 6.5° (C=0.93 g/100ml ETOH)  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA