

D-Desthiobiotin Biochemical

D-Desthiobiotin

CATALOG #
AAA210700

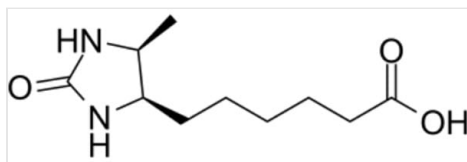
PRODUCT SYNONYMS

D-Desthiobiotin; D-Desthiobiotin biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Solubility	DMSO
Formula	C ₁₀ H ₁₈ N ₂ O ₃
SMILES	<chem>O=C(O)CCCC[C@H]([C@H](C)N1)NC1=O</chem>
CAS Number	533-48-2
Preparation and Storage	Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base)

IMAGES



Structure
D-Desthiobiotin Chemical Structure

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	46.67 mL	233.36 mL	466.72 mL
0.5 mM	9.33 mL	46.67 mL	93.34 mL
1 mM	4.67 mL	23.34 mL	46.67 mL
5 mM	0.93 mL	4.67 mL	9.33 mL

*The above data is based on the product molecular weight 214.26. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

Application Data
Preparing Stock Solutions

ADDITIONAL INFORMATION

Related Product Information for D-Desthiobiotin biochemical	D-Desthiobiotin is a biotin derivative used in affinity chromatography and protein chromatography, also can be used for protein and cell labeling, detection and isolation.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	214.26
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/d-desthiobiotin/210700>