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Product Datasheet

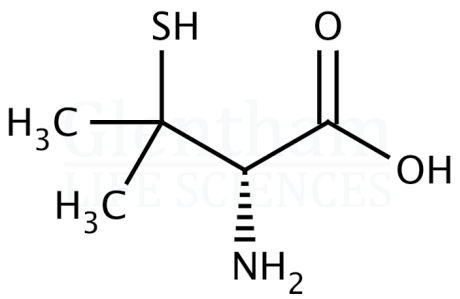
GA5612 - D-Penicillamine, USP grade

Product Details

Product Name	D-Penicillamine, USP grade
Glentham Code	GA5612
CAS Number	52-67-5
EINECS	200-148-8
Numéro MDL	MFCD00064302
PubChem SID	310278558
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

Structure

Molecular Weight	:	149.21
Molecular Formula	:	$C_5H_{11}NO_2S$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Attention
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338
Pictograms	

Glentham Product Specification

Physical Description	:	White to off-white powder or solid
Assay	:	97.0 - 102.0 %
Specific Optical Rotation	:	-60.5 - -64.5 °
pH	:	4.5 - 5.5
Loss on Drying	:	≤ 0.5%
Residue on Ignition	:	≤ 0.1%
Heavy Metals	:	≤ 20ppm
Mercury (Hg)	:	≤ 20ppm
Limit of Penicillin Activity	:	≤ 200IU/mg
Organic Impurities	:	Penicillamine disulfide: ≤1.0%
Residual Solvents	:	n-Butanol: ≤ 5000ppm, Methanol: ≤ 3000ppm
Pharmacopoeia Specification(s)	:	USP
Version	:	v1.0

About D-Penicillamine, USP grade

No further details on record.

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