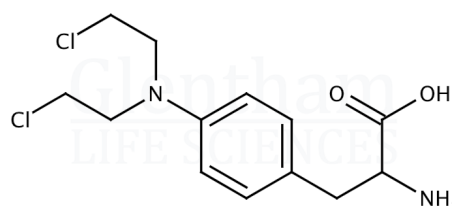


Product Specification

Product Name	Melphalan, USP grade
Glentham Code	GP3789
CAS Number	148-82-3
EINECS	205-726-3
MDL-Nummer	MFCD00057717
PubChem SID	310276105

Molecular Weight	305.20
Molecular Formula	$C_{13}H_{18}Cl_2N_2O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder
Identification	According to USP
Residue on Ignition	≤ 0.3%
Nitrogen (N)	8.90 - 9.45 %
Specific Optical Rotation	-30 - -36 °
Loss on Drying	≤ 7.0%
Ionisable Chlorine	≤ 1.0ml (of 0.1N silver nitrate per 500mg)
Assay	94.0 - 100.5 % (dried, ionisable chlorine-free basis)
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2015-04-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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