

Product Datasheet

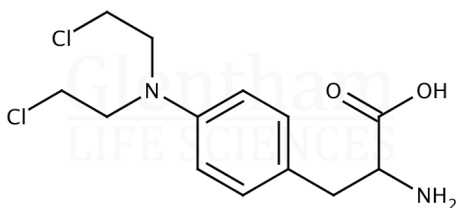
GP3789 - Melphalan, USP grade

Product Details

Product Name	Melphalan, USP grade
Glenthams Code	GP3789
CAS Number	148-82-3
EINECS	205-726-3
MDL Number	MFCD00057717
PubChem SID	310276105
Related Categories	APIs, Cytotoxins, Molecular Biology, DNA Cross Linkers

Structure

Molecular Weight	: 305.20
Molecular Formula	: $C_{13}H_{18}Cl_2N_2O_2$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Acute Tox. 2, Carc. 1B, Acute Tox. 1, Repr. 2, Acute Tox. 2
Signal Word	Danger
Hazard Codes	H310, H350, H330, H361, H300

Precautionary Codes

P280, P302+P350,
P305+P351+P338,
P308+P313, P310, P260,
P301+P310

Pictograms



UN Number, Class, PG (RID)

UN2811 - 6.1 - PG II

Glenthams Product Specification

Physical Description	: White to almost white powder
Identification	: According to USP
Residue on Ignition	: $\leq 0.3\%$
Nitrogen (N)	: 8.90 - 9.45 %
Specific Optical Rotation	: -30 - -36 °
Loss on Drying	: $\leq 7.0\%$
Ionisable Chlorine	: $\leq 1.0\text{ml}$ (of 0.1N silver nitrate per 500mg)
Assay	: 94.0 - 100.5 % (dried, ionisable chlorine-free basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Melphalan, USP grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024