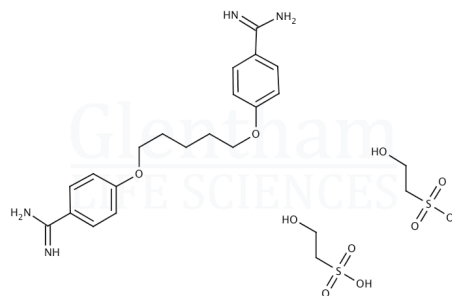


## Product Specification

Product Name	Pentamidine isethionate salt, USP grade
Glentham Code	GK1912
CAS Number	140-64-7
EINECS	205-424-1
MDL Number	MFCD00079213
Molecular Weight	592.68
Molecular Formula	$C_{19}H_{24}N_4O_2 \cdot 2C_2H_6O_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder, or colourless crystals
Identification (IR)	To conform to standard
Identification	O2 combustion (Test B)
Identification (HPLC)	Retention time to conform
Solubility (10% in water)	Clear, colourless solution
pH (5% in water)	4.5 - 6.5
Heavy Metals	≤ 20ppm
Residue on Ignition	≤ 0.1%
Melting Point	187 - 191 °C
Ammonium Isethionate	≤ 1.0%
1,5-Dibromopentane	≤ 0.1%
Monoamide Impurity	≤ 0.4% (HPLC)
Bisamide Impurity	≤ 0.2% (HPLC)
Any Other Individual Impurity	≤ 0.05% (HPLC)
Total Impurities	≤ 0.7% (HPLC)
Loss on Drying	≤ 4.0%
Assay (Titration)	98.5 - 101.5 %
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2018-04-24

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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