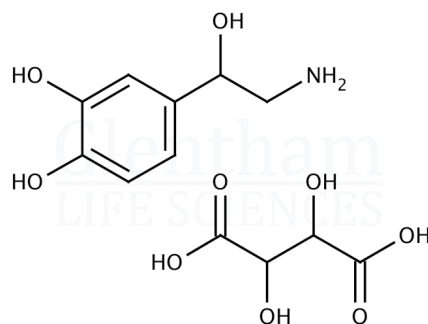


## Product Specification

Product Name	Norepinephrine bitartrate monohydrate
Glentham Code	GP7483
CAS Number	108341-18-0
PubChem SID	310278170
Additional CAS	69815-49-2
MDL Number	MFCD00150449
Molecular Weight	337.29
Molecular Formula	$C_8H_{11}NO_3 \cdot C_4H_6O_6 \cdot H_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to light-yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-9.5 - -12.5 ° (c=5, water)
Water (KF)	4.0 - 6.0 %
Assay	≥ 97.0% (anhydrous basis)

Specification Version	-	v1.0
Date Created	-	2023-06-01

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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