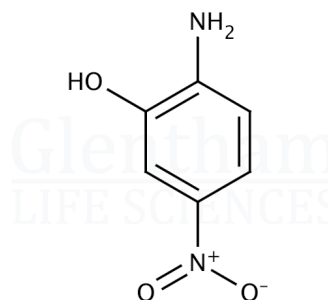


Certificate of Analysis

Product Name	Gemcitabine hydrochloride
Glentham Code	GP8917
CAS Number	122111-03-9
MDL Number	MFCD01735988
Additional CAS	95058-81-4 (base)
Batch Number	475LFG
Molecular Weight	299.66
Molecular Formula	$C_9H_{11}F_2N_3O_4 \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 475LFG
Physical Description	White to off-white powder	White powder
Specific Optical Rotation	+43 - +50 °	+47.7 °
Assay (HPLC)	≥ 97.5%	99.9%

Specification Version	v1.0
Manufacture Date	2020-03-16
Re-Test Date	2027-03-12

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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