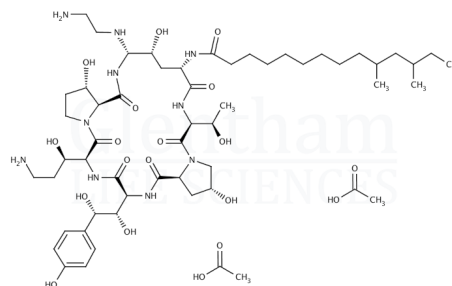


Certificate of Analysis

Product Name	Caspofungin acetate
Glentham Code	GP8659
CAS Number	179463-17-3
PubChem SID	310269415
Batch Number	152GIT

Molecular Weight	1213.42
Molecular Formula	$C_{52}H_{88}N_{10}O_{15} \cdot 2C_2H_4O_2$
Storage Temp.	-20°C



Property	Specification	Batch 152GIT
Physical Description	White to off-white powder	White powder
Solubility (1% in water)	Clear solution	Conforms
Water	≤ 10.0%	0.3%
Assay (HPLC)	≥ 97.0% (anhydrous basis)	98.1%

Specification Version	v1.1
Manufacture Date	2019-08-18
Re-Test Date	2027-11-27

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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