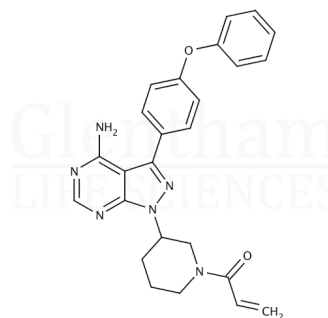


Certificate of Analysis

Product Name	Ibrutinib
Glentham Code	GP8742
CAS Number	936563-96-1
MDL Number	MFCD20261150
Batch Number	021RUZ

Molecular Weight	440.50
Molecular Formula	$C_{25}H_{24}N_6O_2$
Storage Temp.	-20°C



Property	Specification	Batch 021RUZ
Physical Description	White or almost white powder	White powder
Solubility (0.5% in DMSO)	Clear, colourless solution	Clear, colourless solution
Water	≤ 1.0%	0.28%
Assay	≥ 98.0%	99.7%

Specification Version	v1.0
Manufacture Date	2024-01-06
Re-Test Date	2033-03-05

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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