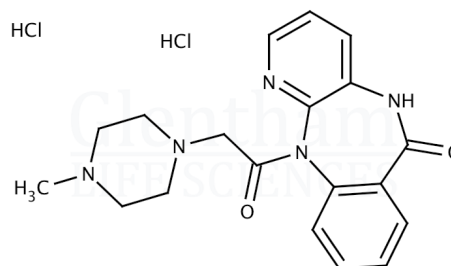


## Certificate of Analysis

Product Name Pirenzepine dihydrochloride  
Glentham Code GP0823  
CAS Number 29868-97-1  
EINECS 249-907-5  
MDL Number MFCD00055214  
PubChem SID 310279071  
Additional CAS 28797-61-7  
Batch Number 658NXR

Molecular Weight 424.32  
Molecular Formula  $C_{19}H_{21}N_5O_2 \cdot 2HCl$   
Storage Temp. +20°C



Property	Specification	Batch 658NXR
Physical Description	White to off-white or pale yellow powder	Off-white powder
Solubility (5% in water)	Clear to faintly turbid, colourless to pale yellow solution	Clear, colourless solution
Water	≤ 6.0%	4.3%
Assay	98.0 - 102.0 % (dried basis)	100.2%

Specification Version v1.0  
Manufacture Date 2019-01-02  
Re-Test Date 2029-03-06

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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