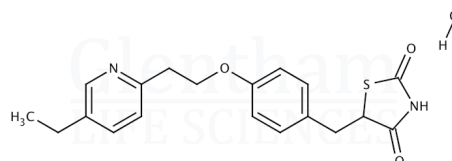


Certificate of Analysis

Product Name Pioglitazone hydrochloride
Glentham Code GP3582
CAS Number 112529-15-4
MDL Number MFCD04975446
PubChem SID 310279025
Additional CAS 111025-46-8
Batch Number 471CTT

Molecular Weight 392.90
Molecular Formula $C_{19}H_{20}N_2O_3 \cdot HCl$
Storage Temp. +20°C



Property	Specification	Batch 471CTT
Physical Description	White to off-white crystalline powder	Conforms
Solubility (1% in DMSO)	Clear, colourless solution	Conforms
Melting Point	189.0 - 197.0 °C	194.4 - 195.8 °C
Loss on Drying	≤ 1.0%	0.15%
Assay	98.5 - 101.5 % (anhydrous basis)	99.7%

Specification Version v1.0
Manufacture Date 2017-12-03
Re-Test Date 2028-06-29

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025