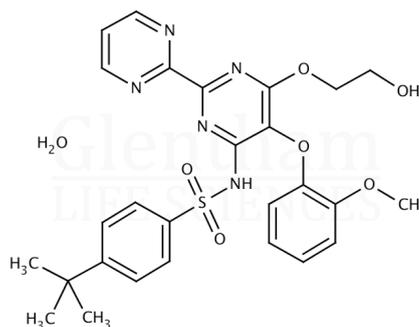


Certificate of Analysis

Product Name Bosentan hydrate
Glentham Code GP5893
CAS Number 157212-55-0
PubChem SID 310268529
MDL Number MFCD09751188
Additional CAS 147536-97-8 (anhyd.)
Batch Number 727RIO

Molecular Weight 569.63 (anhydrous)
Molecular Formula $C_{27}H_{29}N_5O_6S \cdot xH_2O$
Storage Temp. +4°C



Property	Specification	Batch 727RIO
Physical Description	White to off-white, light-yellow or faint beige powder	Pale yellow powder
Solubility (0.5% in DMSO)	Clear, colourless to very faint yellow solution (may need warming)	Clear, very faint yellow solution
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 5.0%	3.58%
Assay	≥ 98.0% (dried basis)	99.85%

Specification Version v1.0
Manufacture Date 2018-06-01
Re-Test Date 2029-01-21

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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