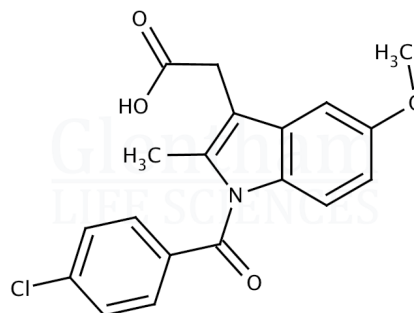


Product Specification

Product Name	Indomethacin, BP grade
Glentham Code	GP6163
CAS Number	53-86-1
EINECS	200-186-5
MDL Number	MFCD00057095
Molecular Weight	357.80
Molecular Formula	$C_{19}H_{16}ClNO_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to yellow powder or crystals
Identification	(Test A) Melting Point: 158.0 - 162.0 °C
Identification	(Test B) Absorption at 318nm (λ_{max}): 170 - 190
Identification (IR)	(Test C) To conform to standard
Identification	To pass tests D, E
Solubility (1% in methanol)	Clear to faintly turbid, colourless to pale yellow solution (on heating)
Related Substances (TLC)	$\leq 0.5\%$
Heavy Metals	$\leq 20\text{ppm}$
Loss on Drying	$\leq 0.5\%$
Sulphated Ash	$\leq 0.1\%$
Assay (Titration)	98.5 - 100.5 % (dried basis)
Pharmacopoeia Specification(s)	BP

Specification Version	-	v1.2
Date Created	-	2023-03-30

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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