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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Pioglitazone EP impurity C

Identification:

Chemical Name: 5-[[4-[2-(5-Ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-N-[2-(5-ethylpyridin-2-yl)ethyl]-2,4-thiazolidinedione

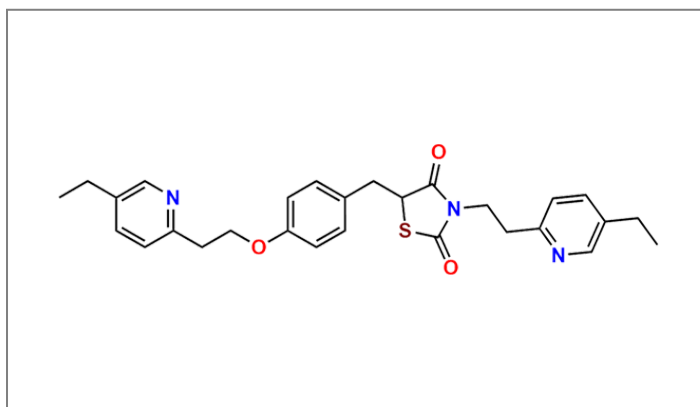
Synonyms: : Pioglitazone USP Related
Compound C ; N-Alkyl
Pioglitazone

CAS Number: : 952188-00-0

CAT Number: : CP-P7003

Molecular Formula: : C₂₈H₃₁N₃O₃S

Molecular Weight: : 489.63



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ H NMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By



Ms Rohini Gagare
(QA Head)