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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

Product Name: Pioglitazone EP Impurity A

Identification:

Chemical Name: (5RS)-5-[[4-[2-(5-ethylpyridin-2-yl)ethoxy]phenyl]methyl]-5-hydroxythiazolidine-2,4-dione (as per EP)

Synonyms : 5-Hydroxy Pioglitazone Impurity
; Pioglitazone 5-Hydroxy
Metabolite

CAS Number : 625853-74-9

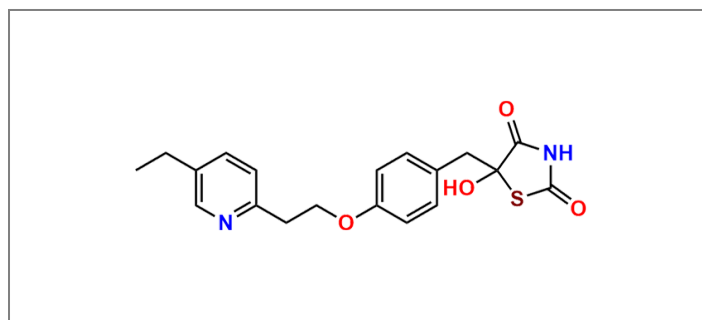
CAT Number : CP-P7001

Molecular Formula : C₁₉H₂₀N₂O₄S

Molecular Weight : 372.44

Batch Number : CP-PIO-A-0824

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.73%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.