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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: N-Methyl Pioglitazone

Identification:

Chemical Name: 5-(4-(2-(5-ethylpyridin-2-yl)ethoxy)benzyl)-3-methylthiazolidine-2,4-dione

Synonyms : NA

CAS Number : 1333110-79-4

CAT Number : CP-P7017

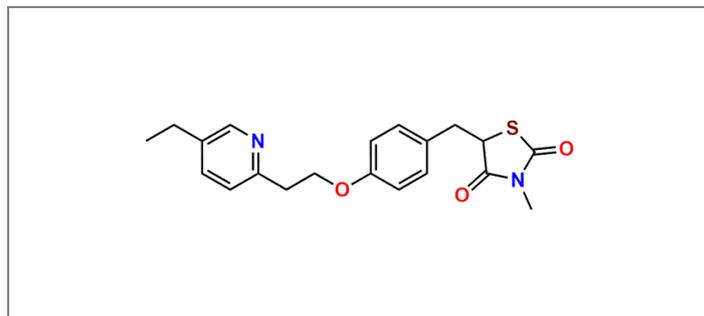
Molecular Formula : C₂₀H₂₂N₂O₃S

Molecular Weight : 370.47

Batch Number : CP-PIO-NME-0124

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.73%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.