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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jul 2027

**Product Name: Hydroxy Pioglitazone**

### Identification:

Chemical Name: 5-[[4-[2-(5-(1-Hydroxyethyl)-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione

Synonyms : Pioglitazone M4 Metabolite

CAS Number : 146062-44-4

CAT Number : CP-P7008

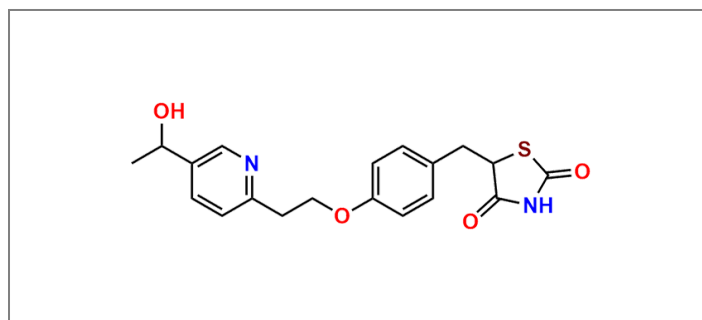
Molecular Formula : C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight : 372.44

Batch Number : CP-PIO-HYD-0724

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.65%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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