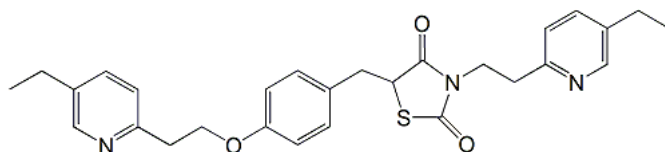


CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

N-Alkyl Pioglitazone / Pioglitazone EP Impurity C
Catalogue No.: VL1190002
Batch No.:
IUPAC Name: (±)-5-{4-[2-(5-Ethylpyridin-2-yl)ethoxy]benzyl}-3-[2-(5-ethylpyridin-2-yl)ethyl]thiazolidine-2,4-dione


Molecular Weight: 489.63 g/mol

 Molecular Formula: C₂₈H₃₁N₃O₃S

Sr.#	Test	Results	Data ref.
1	Appearance	White Solid	-----
2	Purity by HPLC	98.07%	Chromatogram attached
3	Mass	Conform	Report attached
4	¹ H NMR	Conform	Report attached
5	FTIR	Conform	Report attached

Storage condition: Store at 2-8°C, Protect from direct sunlight and moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Date of manufacturing:
Retest date:
Document data reference:
Prepared by
Reviewed by
Approved by