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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Pioglitazone Aldehyde Impurity**

#### Identification:

Chemical Name: 4-[2-(5-Ethyl-2-pyridinyl)ethoxy] benzaldehyde

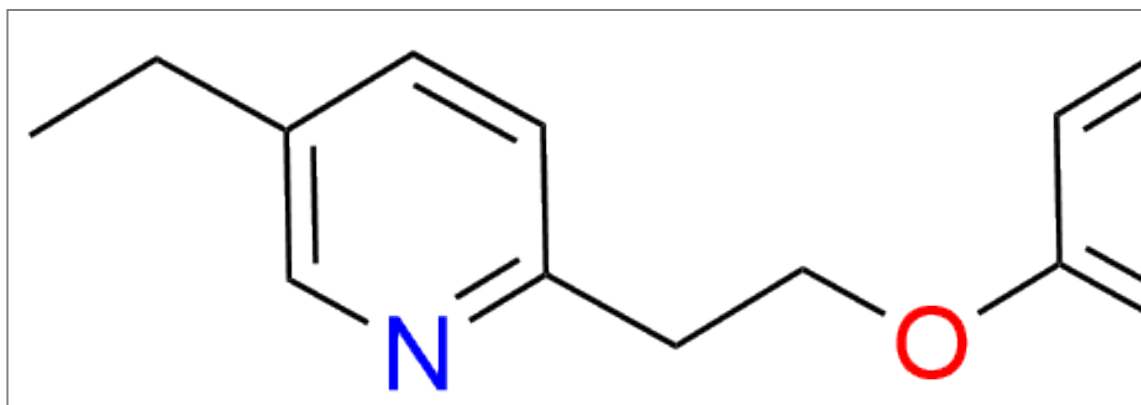
Synonyms : Pioglitazone  
Benzaldehyde  
Impurity

CAS  
Number : 114393-97-4

CAT  
Number : CP-P7009

Molecular  
Formula : C<sub>16</sub>H<sub>17</sub>NO<sub>2</sub>

Molecular  
Weight : 255.32



#### 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)	H1NMR	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.