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## CERTIFICATE OF ANALYSIS

Analysis Date:

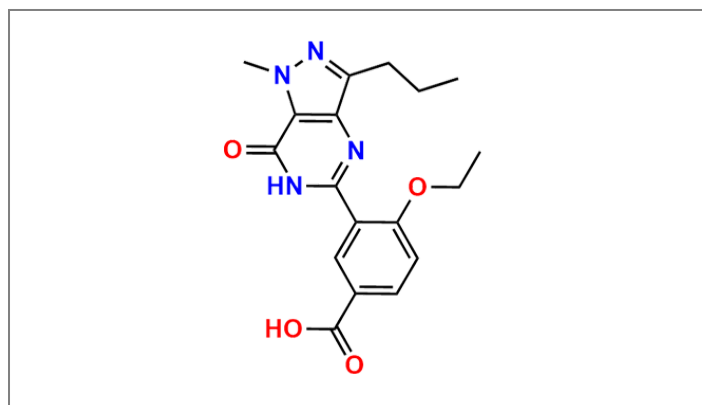
Re-test Date:

**Product Name: Sildenafil Carboxylic Acid Impurity**

**Identification:**

Chemical Name: 4-Ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d] pyrimidin-5-yl)benzoic acid

Synonyms : NA  
CAS Number : 147676-78-6  
CAT Number : CP-S2020  
Molecular Formula : C<sub>18</sub>H<sub>20</sub>N<sub>4</sub>O<sub>4</sub>  
Molecular Weight : 356.38



**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.