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## CERTIFICATE OF ANALYSIS

Analysis Date:

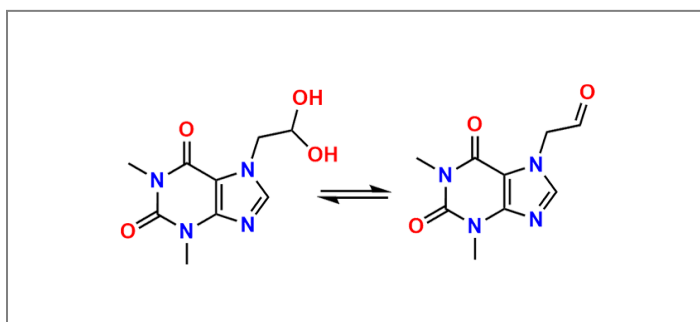
Re-test Date:

**Product Name: Doxofylline Impurity 2**

### Identification:

Chemical Name: 2-(1,3-dimethyl-2,6-dioxo-1,2,3,6-tetrahydro-7H-purin-7-yl)acetaldehyde compound with 7-(2,2-dihydroxyethyl)-1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-D176009  
Molecular Formula : C<sub>9</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> : C<sub>9</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight : 240.22 : 222.20



### 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.