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## CERTIFICATE OF ANALYSIS

Analysis Date:

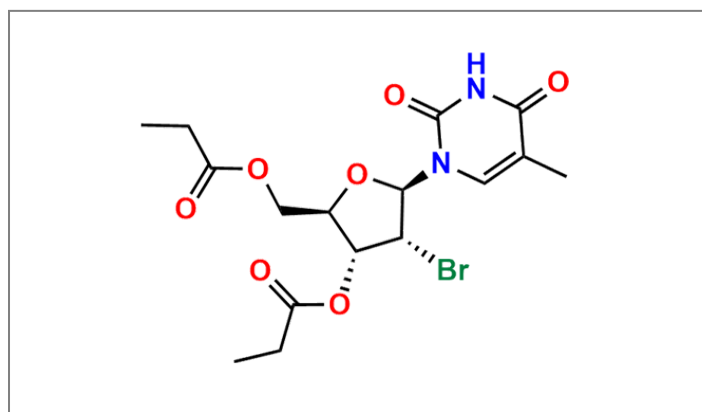
Re-test Date:

**Product Name: Zidovudine Impurity 5**

### Identification:

Chemical Name: (2R,3R,4R,5R)-4-bromo-5-(5-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-2-((propionyloxy)methyl)tetrahydrofuran-3-yl propionate

Synonyms : NA  
CAS Number : 266338-14-1  
CAT Number : CP-Z6013  
Molecular Formula : C<sub>16</sub>H<sub>21</sub>BrN<sub>2</sub>O<sub>7</sub>  
Molecular Weight : 433.26



### 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.