Data Base compilation

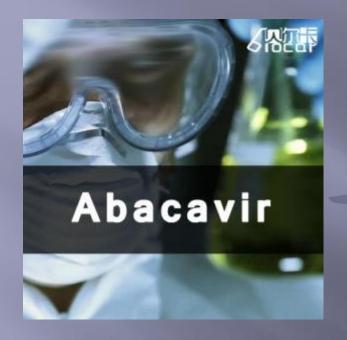
## ABACAVIR

Active Pharmaceutical Ingredient

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# The chemical classification of abacavir is Nucleoside Analog.

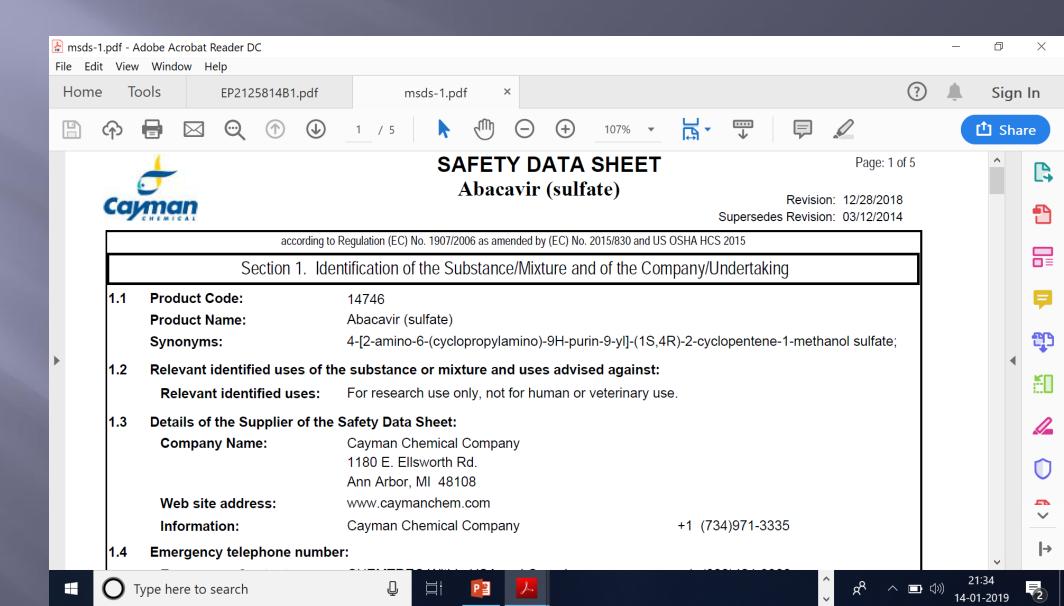
- Abacavir (ABC) is a powerful nucleoside analog reverse transcriptase inhibitor (NRTI) used to treat HIV and AIDS. Chemically, it is a synthetic carbocyclic nucleoside and is the enantiomer with 1S, 4R absolute configuration on the cyclopentene ring. In vivo, abacavir sulfate dissociates to its free base, abacavir.
  - The combination HIV medicines abacavir/lamivudine [brand name: Epzicom], abacavir/lamivudine/zidovudine [brand name: Trizivir], and abacavir/dolutegravir/lamivudine [brand name: Triumeq] also contain abacavir
    - Abacavir is in the NRTI class of medications, which work by blocking reverse transcriptase, an enzyme needed for HIV virus replication. Within the NRTI class, abacavir is a carbocyclic nucleoside. Abacavir was patented in 1988 and approved for use in the United States in 1998
      - Lamivudine (Epivir-HBV) is used to treat hepatitis B infection. Lamivudine is in a class of medications called nucleoside reverse transcriptase inhibitors (NRTIs)
        - It works by decreasing the amount of HIV and hepatitis B in the blood.

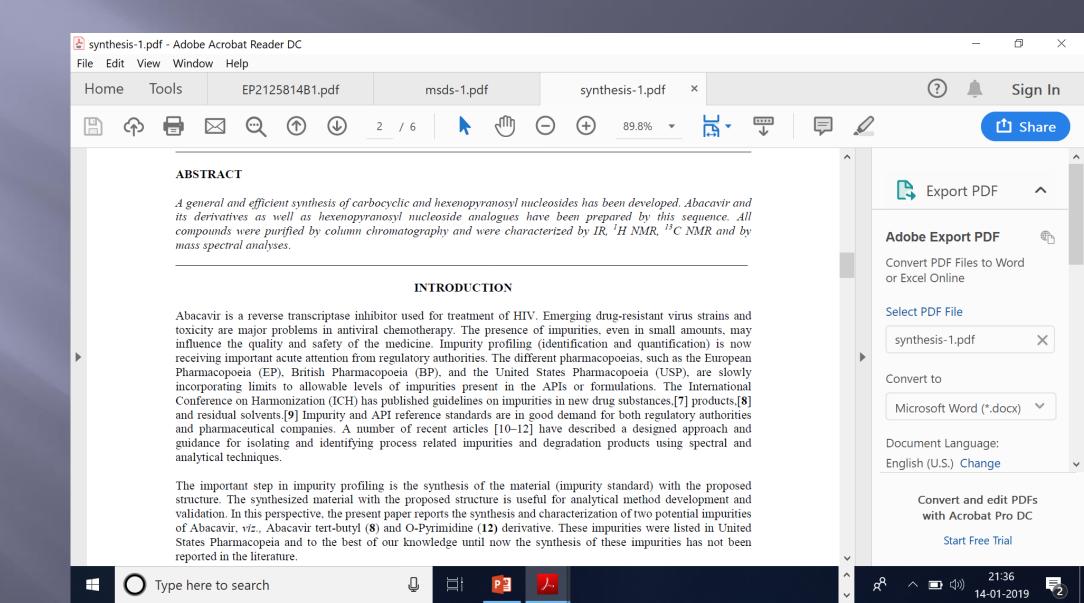


Manufacturing plant

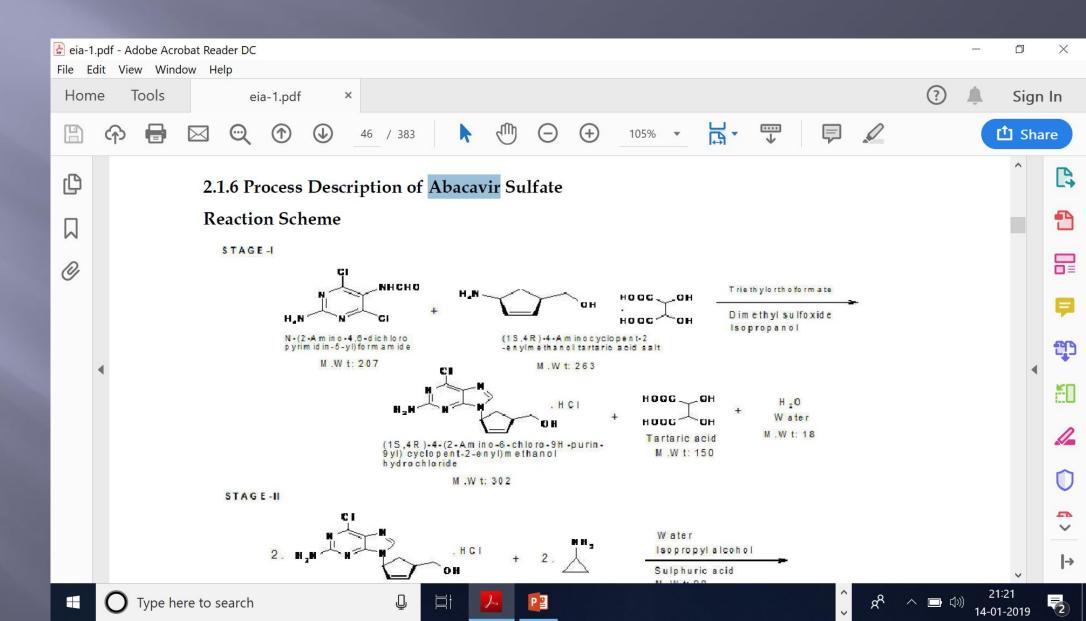


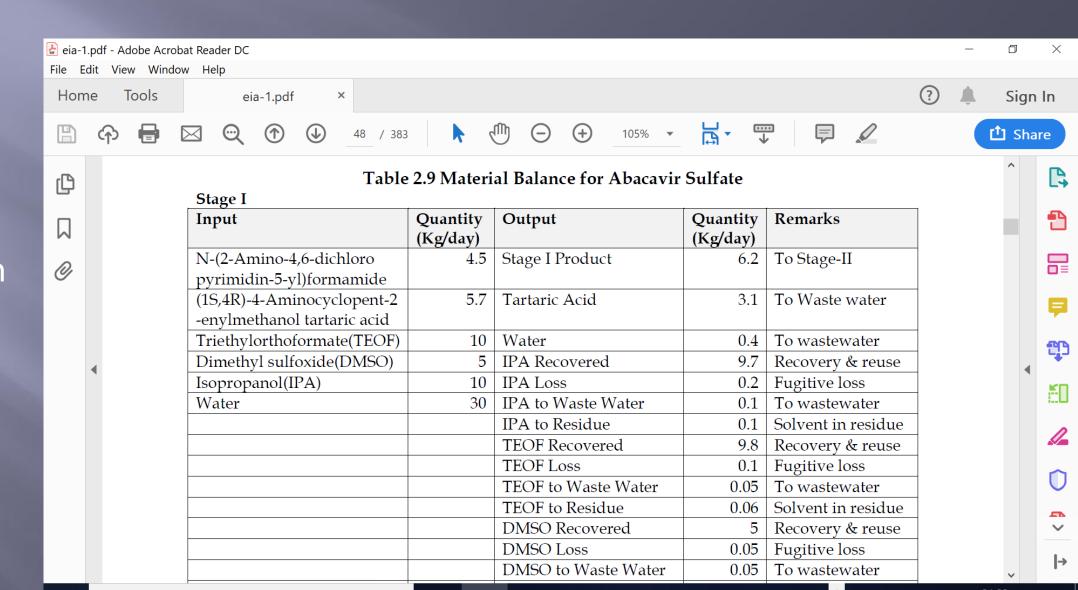
#### Company, Product & SDS





#### Data Base on Abacavir



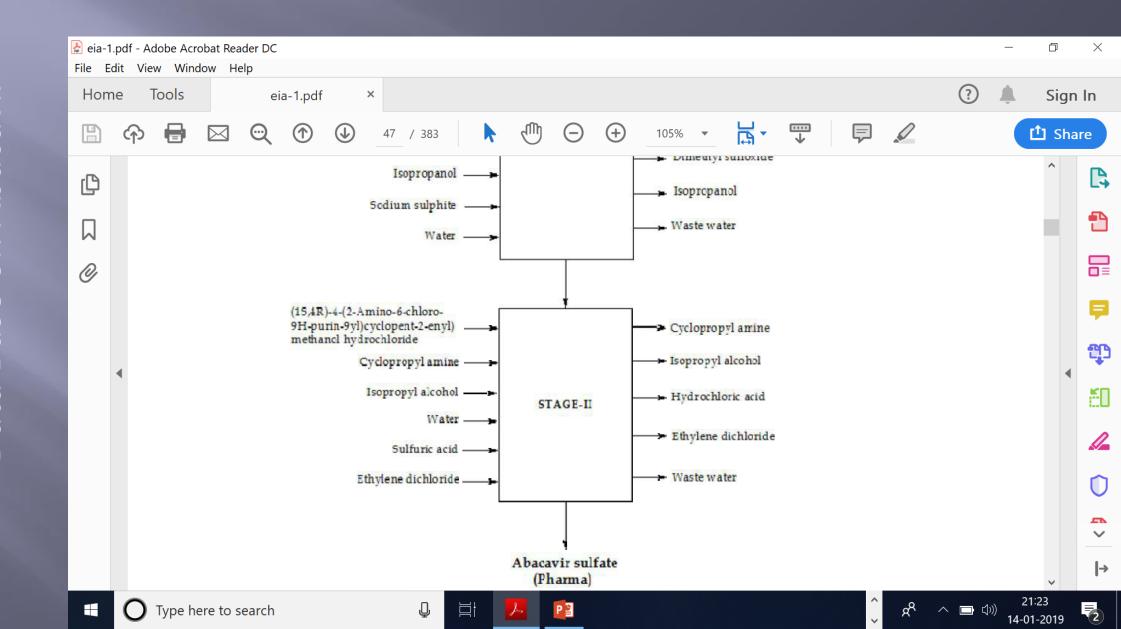


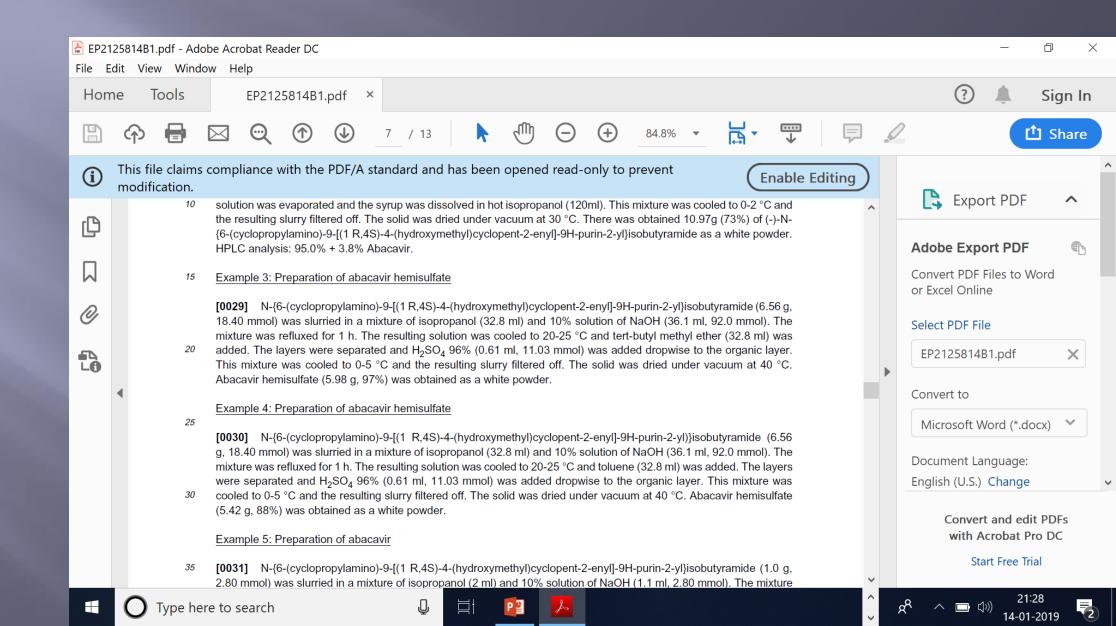
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14-01-2019

### Data Base on Abacavir

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## QUESTIONS?

mailto:primaryinfo@gmail.com

