Hepatoprotectant (APAP and other agents)

**OCR Number:** OCR 4554

**Description:**

- OCR4554 is an approved drug used by countless patients world-wide (WW).
  - Acetaminophen (APAP) sales
    - Dozens of companies have OTC sales
    - Tylenol’s 20.3% market share and $850M WW/yr
  - Large percentage of population have vulnerable livers and would benefit from safer APAP (Figure 1).
  - APAP overdose among most common WW
    - FDA has long wrestled with safety vs. efficacy for APAP
    - US: 56,000 ER visits/yr
    - 100 unintentional deaths/yr
    - 51% of all US liver poisonings in 2003
    - Used in suicide attempts

- OCR4554 in combination with APAP reduces mortality in vivo (Figure 2).

**Published/Issued Patents:** [U.S. Patent No. 9,149,424](https://www.ipl.gov/patents/search/)

**Published/Issued Patents:** [U.S. Pub. App. No. 2010016262](https://www.ipl.gov/patents/search/)

**Publications:**


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