## **Acetaminophen**

Printed from <a href="https://www.cancerquest.org/patients/drug-reference/acetaminophen">https://www.cancerquest.org/patients/drug-reference/acetaminophen</a> on 04/26/2024	

Brand name: Tylenol® Brand name: Paracetamol®

IUPAC: N-(4-hydroxyphenyl)ethanamide

FDA approval: Yes Manufacturer Link

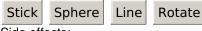
Usage:

Acetaminophen is used for the treatment of mild pain and fever.

## Mechanism:

The exact mechanism of action of acetaminophen is not completely understood. It selectively inhibits cyclooxygenase 2 (COX-2). It is classified as a non-steroidal anti-inflammatory agent but has only limited anti-inflammatory properties.

The diagram below shows the 3D molecular structure of Acetaminophen.



Side effects:

Side effects of acetaminophen are rare. However, extreme doses of acetaminophen or prolonged use can cause liver damage.