



Search

Start Entity: **Aspirin**[1] <https://medlineplus.gov>>Aspirin[2] <https://en.wikipedia.org>>Aspirin[3] <https://nhs.uk/medicines>>Aspirin

....



Visit

LLM
Summary
with
WebInf

Description and Entity Mark

Aspirin, or acetylsalicylic acid (ASA), is a **salicylate-based nonsteroidal anti-inflammatory drug (NSAID)** first marketed in 1899 ... It irreversibly inhibits **COX-1** and modifies **COX-2**, blocking **prostaglandin** synthesis (relieving pain, fever, inflammation) and platelet thromboxane **A2 production**

...

LLM-
Driven
Med-WalkTo Next
Med-EntityNext Entity: **COX-1**

Description and Entity Mark



COX - 1 is a constitutively expressed membrane ...

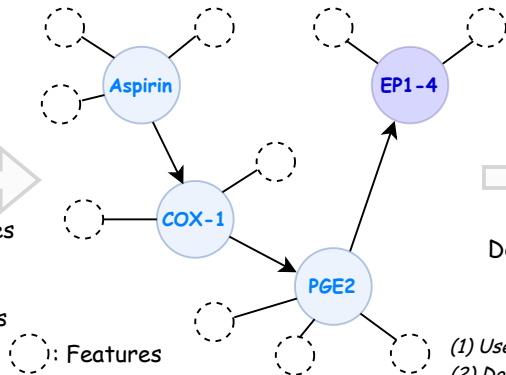
LLM-
Driven
Med-Walk
To Next
Med-Entity**Multi-hop
Medical
Chain**

Aspirin

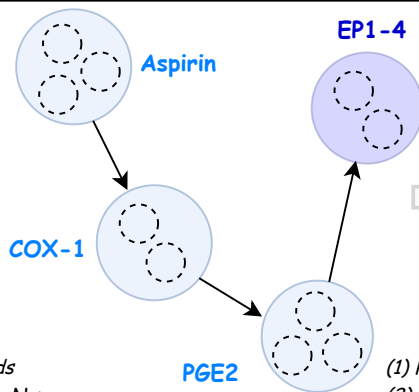
COX-1

PGE2

EP1-4

LLM
Select
Key Features
&&
Medical
ConnectionsLLM
Generate
Blurry
Descriptions

(1) Use Description Words
(2) Do not mention Entity Name

LLM
Generate
Blurry
Questions

(1) Keep Medical Logic
(2) Answer = Last Entity

Blurry Question

A widely used medication inhibits a key enzyme that converts a precursor molecule into a substance involved in regulating blood flow and inflammation. This medication works by blocking the production of this substance...

Answer: [EP1-4]

LLM
Synthesize
Agentic
Trace
Reject
Sampling**Agentic
SFT**