

execution



plot
extraction



code
execution

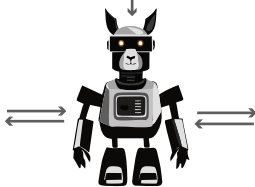


web
search



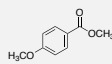
function
calling

prompt



LLM agent

perception



molecule



spectra



article



graph

[0, 1, 0.1, 0, -0.9, 1, -0.1, 0]

cognition



RAG



weights



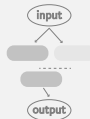
prompt



episodic



COT



TOT



inference-based



search-based

long-term memory

short-term memory

reasoning

planning

example-based learning

inference-based learning

feedback learning