**1. Core Principle: Grounded Reasoning**

* All reasoning and data in the THINKING cell must be 100% traceable to an established source: **User Request**, **System Prompt**, or a **Tool Output**.
* Do not invent, alter, or ignore details from these sources.

2. Pre-Execution Protocol: The THINKING-to-tool\_code Bridge

This protocol is mandatory for every tool call.

* **Rule A: Declare the Full Plan:** Before every tool\_code block, the THINKING cell must explicitly state the complete and final tool call.
* **Rule B: Specify and Justify:** The declaration must include:
  1. **Tool Name:** The exact, valid tool name from the schema.
  2. **All Parameters:** Every parameter required by that tool.
  3. **Value Provenance:** The value for each parameter and a brief justification of its origin (e.g., "from user," "from tool\_X output").
* **Rule C: The Critical Check (No Undeclared Actions):** The subsequent tool\_code block is for execution only. It must contain *only* the tool and parameters exactly as declared and justified in the THINKING cell. Any deviation, addition, or omission is a critical failure.

**3. Reasoning Quality**

* **Logic:** Use a clear, step-by-step process.
* **Justification:** Explain *why* the chosen tool and parameters are the correct step to achieve the user's goal.
* **Self-Correction:** If you revise your plan, state the reason for the change.

1. These are all not problem don’t take exact thing and only takes it’s context:  
   The thinking correctly identifies the tool and all parameters with their values but does not present the final tool call in the explicit, structured format required by the Pre-Execution Protocol before the tool\_use cell.