

Nova-Physarum

Auxiliary memory intended to reduce unproductive repetition in software agents.

Prepared specification · Filing not verified

Buyer need

Agent developers need to prevent costly repetition loops.

Available evidence

A specification and scaffold are available; a comparative MVP has not been established.

What remains to be demonstrated

A net reduction in loops without reducing successful task completion.

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Market and alternatives

Reflexion uses feedback memory; LangGraph provides persistent memory.

Potential buyers

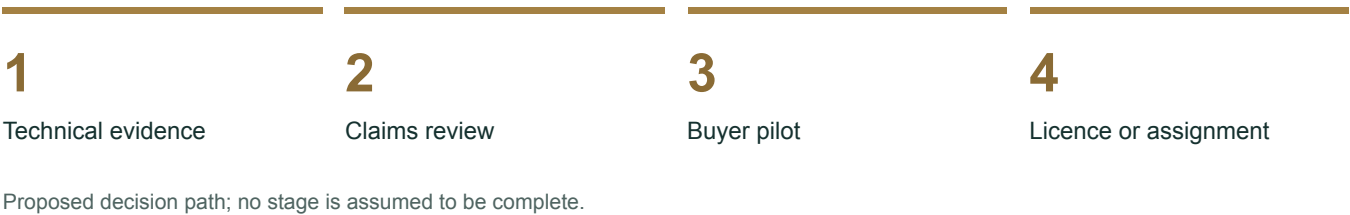
Teams operating development and support agents

Next fundable milestone

Compare success rates, cost and false blocks using test traces.

Decision criterion

Proceed with a measured prototype. No claim of eliminating every loop is made.



Targeted, non-exhaustive research. Commercial conclusions are hypotheses. These sources establish no acquisition interest in DreamNova.

Validation budget

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\$5,701 – \$13,684

30 to 60 days, initial feasibility

Planning assumptions, not quotations or valuations. The bounds are two spending scenarios, not a statistical confidence interval. Further investment depends on milestone results.

Engineering

Low scenario	\$3,421
High scenario	\$7,982

Computing, hardware or external laboratory

Low scenario	\$1,425
High scenario	\$3,649

Preliminary IP review

Low scenario	\$855
High scenario	\$2,053

Planning assumption, not a quotation or an asset valuation. Includes preliminary IP review; excludes drafting and filing, a full freedom-to-operate assessment, tax, industrialisation and regulatory studies. Deduct any services that overlap with a future filing quotation.

Public sources

[Shinn et al. — Reflexion, 2023](#)

[LangChain — agent runtime, April 2026](#)

Planning amounts are expressed in US dollars using the ECB reference rates dated 25 September 2026. These are indicative conversions, not bank transaction rates or supplier quotations.

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