UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
Under the Securities Exchange Act of 1934

For the Month of July 2026

001-36203
(Commission File Number)

CAN-FITE BIOPHARMA LTD.
(Exact name of Registrant as specified in its charter)

26 Ben Gurion Street
Ramat Gan 5257346 Israel
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

On July 20, 2026, Can-Fite BioPharma Ltd. issued a press release entitled "Can-Fite Positive Phase 2a Pancreatic Cancer Study Data Accepted for Presentation at ESMO Congress 2026, One of the World's Premier Scientific Meetings in Oncology". A copy of this press release is furnished herewith as Exhibit 99.1.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release dated July 20, 2026

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: July 20, 2026

By: /s/ Motti Farbstein
Motti Farbstein
Chief Executive Officer and
Chief Financial Officer

Can-Fite Positive Phase 2a Pancreatic Cancer Study Data Accepted for Presentation at ESMO Congress 2026, One of the World's Premier Scientific Meetings in Oncology

Predominantly third-line pancreatic cancer patients demonstrated durable survival despite advanced disease; patient who received Namodenoson as second-line therapy remains alive more than 18 months

Ramat Gan, Israel, July 20, 2026 (GLOBE NEWSWIRE) -- Can-Fite BioPharma Ltd. (NYSE American: CANF) (TASE: CANF), a clinical-stage biotechnology company developing a pipeline of proprietary small molecule drugs targeting oncological and inflammatory diseases, today announced that an abstract highlighting positive results from its Phase 2a study of Namodenoson in patients with advanced pancreatic ductal adenocarcinoma (PDAC), has been accepted for poster presentation at the European Society for Medical Oncology (ESMO) Congress 2026.

The accepted abstract, entitled "Durable Disease Stabilization with Namodenoson in Advanced Pancreatic Adenocarcinoma: Results from a Phase 2a Study," will be presented as a poster during the ESMO Congress, one of the world's premier scientific meetings in oncology.

The Phase 2a study evaluated oral Namodenoson in patients with advanced pancreatic cancer who had progressed following prior standard therapies. As previously announced, the study successfully achieved its primary safety endpoint and demonstrated encouraging survival outcomes together with durable disease stabilization in this difficult-to-treat patient population.

"We are pleased that our abstract has been selected for presentation at ESMO, one of the most prestigious international oncology conferences," said Pnina Fishman, Ph.D., Chairperson and Chief Scientific Officer of Can-Fite BioPharma. "Acceptance by ESMO provides important scientific recognition of our pancreatic cancer program and offers an opportunity to present our clinical findings to the global oncology community. We believe these data further support the continued development of Namodenoson for patients with advanced pancreatic cancer."

Namodenoson is a highly selective A3 adenosine receptor agonist with a unique mechanism of action that induces apoptosis of cancer cells while exhibiting an excellent safety profile. The drug has demonstrated anti-tumor activity across multiple preclinical models, including pancreatic cancer, and is also being developed for hepatocellular carcinoma and MASH.

Can-Fite is currently planning the next stage of clinical development for Namodenoson in pancreatic cancer, with a Phase 2b study designed to evaluate Namodenoson in combination with chemotherapy based on encouraging clinical findings and supportive preclinical evidence demonstrating synergistic anti-tumor activity.

Additional details regarding the poster presentation, including presentation date, session information, and poster number, will be announced when they become available.

About Pancreatic Ductal Adenocarcinoma (PDAC)

Pancreatic ductal adenocarcinoma is among the most aggressive malignancies and remains a leading cause of cancer-related mortality worldwide. Patients with advanced disease who progress following standard therapies have limited treatment options and continue to face poor clinical outcomes, underscoring the need for novel therapeutic approaches.

About Namodenoson

Namodenoson is a small orally bioavailable drug that binds with high affinity and selectivity to the A3 adenosine receptor (A3AR). Namodenoson is currently being evaluated in a pivotal Phase 3 trial for advanced liver cancer, concluded successfully a Phase 2a study in pancreatic cancer and is enrolling patients in a Phase 2b trial for the treatment of Metabolic Dysfunction-associated Steatohepatitis (MASH). A3AR is highly expressed in diseased cells whereas low expression is found in normal cells. This differential expression may be one of the important factors that accounts for the excellent safety profile of the drug.

About Can-Fite BioPharma Ltd.

Can-Fite BioPharma Ltd. (NYSE American: CANF) (TASE: CANF) is an advanced clinical stage drug development Company with a platform technology that is designed to address multi-billion dollar markets in the treatment of cancer, liver, and inflammatory disease. The Company's lead drug candidate, Piclidenoson recently reported topline results in a Phase 3 trial for psoriasis and commenced a pivotal Phase 3 trial. Can-Fite's liver drug, Namodenoson, is being evaluated in a Phase III trial for hepatocellular carcinoma (HCC), a Phase 2b trial for the treatment of MASH, and in a Phase 2a study in pancreatic cancer. Namodenoson has been granted Orphan Drug Designation in the U.S. and Europe and Fast Track Designation as a second line treatment for HCC by the U.S. Food and Drug Administration. Namodenoson has also shown proof of concept to potentially treat other cancers including colon, prostate, and melanoma. CF602, the Company's third drug candidate, has shown efficacy in the treatment of erectile dysfunction. These drugs have an excellent safety profile with experience in over 1,600 patients in clinical studies to date. For more information please visit: www.canfite.com.

Forward-Looking Statements

This press release may contain forward-looking statements, about Can-Fite's expectations, beliefs or intentions regarding, among other things, its product development efforts and plans to advance Namodenoson into a combination study. All statements in this communication, other than those relating to historical facts, are "forward looking statements". Forward-looking statements can be identified by the use of forward-looking words such as "believe," "expect," "intend," "plan," "may," "should" or "anticipate" or their negatives or other variations of these words or other comparable words or by the fact that these statements do not relate strictly to historical or current matters. Forward-looking statements relate to anticipated or expected events, activities, trends or results as of the date they are made. Because forward-looking statements relate to matters that have not yet occurred, these statements are inherently subject to known and unknown risks, uncertainties and other factors that may cause Can-Fite's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Important factors that could cause actual results, performance or achievements to differ materially from those anticipated in these forward-looking statements include, among other things, our market and other conditions, history of losses and needs for additional capital to fund our operations and our inability to obtain additional capital on acceptable terms, or at all; uncertainties of cash flows and inability to meet working capital needs; the initiation, timing, progress and results of our preclinical studies, clinical trials and other product candidate development efforts; our ability to advance our product candidates into clinical trials or to successfully complete our preclinical studies or clinical trials; our receipt of regulatory approvals for our product candidates, and the timing of other regulatory filings and approvals; the clinical development, commercialization and market acceptance of our product candidates; our ability to establish and maintain strategic partnerships and other corporate collaborations; the implementation of our business model and strategic plans for our business and product candidates; the scope of protection we are able to establish and maintain for intellectual property rights covering our product candidates and our ability to operate our business without infringing the intellectual property rights of others; competitive companies, technologies and our industry; risks related to not satisfying the continued listing requirements of NYSE American; and statements as to the impact of the political and security situation in Israel on our business. More information on these risks, uncertainties and other factors is included from time to time in the "Risk Factors" section of Can-Fite's Annual Report on Form 20-F filed with the SEC on March 26, 2026 and other public reports filed with the SEC and in its periodic filings with the TASE. Existing and prospective investors are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. Can-Fite undertakes no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by any applicable securities laws.

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