

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Flynn James E</u> <hr/> (Last) (First) (Middle) 345 PARK AVENUE SOUTH, 12TH FLOOR <hr/> (Street) NEW YORK NY 10010 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 11/08/2022	3. Issuer Name and Ticker or Trading Symbol <u>ARS Pharmaceuticals, Inc.</u> [<u>SPRY</u>]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <u>Director by deputization</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,538,964	I	Through Deerfield Private Design Fund III, L.P. ⁽¹⁾⁽²⁾
Common stock	5,538,964	I	Through Deerfield Private Design Fund IV, L.P. ⁽¹⁾⁽²⁾

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person* <u>Flynn James E</u> <hr/> (Last) (First) (Middle) 345 PARK AVENUE SOUTH, 12TH FLOOR <hr/> (Street) NEW YORK NY 10010 <hr/> (City) (State) (Zip)

1. Name and Address of Reporting Person* <u>Deerfield Mgmt III, L.P.</u> <hr/> (Last) (First) (Middle) 780 THIRD AVENUE, 37TH FLOOR <hr/> (Street) NEW YORK NY 10017 <hr/> (City) (State) (Zip)

1. Name and Address of Reporting Person*

DEERFIELD MANAGEMENT COMPANY, L.P. (SERIES C)

(Last) (First) (Middle)
345 PARK AVENUE SOUTH, 12TH FLOOR

(Street)
NEW YORK NY 10010

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Deerfield Private Design Fund III, L.P.

(Last) (First) (Middle)
780 THIRD AVENUE, 37TH FLOOR

(Street)
NEW YORK NY 10017

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Deerfield Mgmt IV, L.P.

(Last) (First) (Middle)
345 PARK AVENUE SOUTH, 12TH FLOOR

(Street)
NEW YORK NY 10010

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Deerfield Private Design Fund IV, L.P.

(Last) (First) (Middle)
345 PARK AVENUE SOUTH, 12TH FLOOR

(Street)
NEW YORK NY 10010

(City) (State) (Zip)

Explanation of Responses:

- This Form 3 is being filed by the undersigned as well as the entities listed on the Joint Filer Information Statement attached as an exhibit hereto (the "Reporting Persons"). Deerfield Mgmt III, L.P. is the general partner of Deerfield Private Design Fund III, L.P. ("Fund III"). Deerfield Mgmt IV, L.P. is the general partner of Deerfield Private Design Fund IV, L.P. (collectively with Fund III, the "Funds"). Deerfield Management Company, L.P. is the investment manager of the Funds. James E. Flynn is the sole member of the general partner of each of Deerfield Mgmt III, L.P., Deerfield Mgmt, L.P. and Deerfield Management Company, L.P.
- In accordance with Instruction 5 (b)(iv) to Form 3, the entire amount of the Issuer's securities held by the Funds is reported herein. For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, each Reporting Person disclaims beneficial ownership of any such securities, except to the extent of his/its indirect pecuniary interest therein, if any, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of such securities for purposes of Section 16 or otherwise.

Remarks:

Please see Joint Filer Information Statement attached as Exhibit 99 hereto. Jonathan Leff, an employee of Deerfield Management Company, serves as a director of the Issuer. Jonathan Isler, Attorney-in-Fact: Power of Attorney, which is hereby incorporated by reference to Exhibit 24 to a Form 4 with regard to DA32 Life Science Tech Acquisition Corp. filed with the Securities and Exchange Commission on August 3, 2021 by Deerfield Partners, L.P., Deerfield Mgmt, L.P., Deerfield Management Company, L.P. and James E. Flynn.

/s/ Jonathan Isler,
Attorney-in-Fact

11/10/2022

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Joint Filer Information

Names: Deerfield Mgmt III, L.P., Deerfield Mgmt IV, L.P., Deerfield Management Company, L.P., Deerfield Private Design Fund III, L.P. and Deerfield Private Design Fund IV, L.P.

Address: 345 Park Avenue South, 12th Floor
New York, NY 10010

Designated Filer: James E. Flynn

Issuer and Ticker Symbol: ARS Pharmaceuticals, Inc. [SPRY]

Date of Event Requiring Statement: November 8, 2022

The undersigned, Deerfield Mgmt III, L.P., Deerfield Mgmt IV, L.P., Deerfield Management Company, L.P., Deerfield Private Design Fund III, L.P. and Deerfield Private Design Fund IV, L.P., are jointly filing the attached Initial Statement of Beneficial Ownership on Form 3 with James E. Flynn with respect to the beneficial ownership of securities of ARS Pharmaceuticals, Inc.

Signatures:

DEERFIELD MGMT III, L.P.

By: J.E. Flynn Capital III, LLC, General Partner

By: /s/ Jonathan Isler
Jonathan Isler, Attorney-In-Fact

DEERFIELD MGMT IV, L.P.

By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler
Jonathan Isler, Attorney-In-Fact

DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC, General Partner

By: /s/ Jonathan Isler
Jonathan Isler, Attorney-In-Fact

DEERFIELD PRIVATE DESIGN FUND IV, L.P.

By: Deerfield Mgmt IV, L.P., General Partner

By: J.E. Flynn Capital IV, LLC, General Partner

By: /s/ Jonathan Isler
Jonathan Isler, Attorney-In-Fact

DEERFIELD PRIVATE DESIGN FUND III, L.P.

By: Deerfield Mgmt III, L.P., General Partner

By: J.E. Flynn Capital III, LLC, General Partner

By: /s/ Jonathan Isler
Jonathan Isler, Attorney-In-Fact