

## Exhibit A

### Compensation Committee Charter

#### PETROS PHARMACEUTICALS, INC.

#### COMPENSATION COMMITTEE CHARTER

This charter (the “*Charter*”) of the Compensation Committee (the “*Committee*”) of the Board of Directors (the “*Board*”) of Petros Pharmaceuticals, Inc. (the “*Company*”) was adopted by the Board, effective January 19, 2021, and amended and restated effective February \_\_, 2025.

### I. Purpose

The purposes of the Committee shall be to oversee the Company’s compensation plans and practices, including its executive compensation plans, incentive compensation and equity-based plans; to review and discuss with management the Company’s compensation discussion and analysis (“*CD&A*”) to be included in the Company’s annual proxy statement or annual report on Form 10-K filed with the Securities and Exchange Commission (“*SEC*”); to prepare the Compensation Committee Report as required by the rules of the SEC; and to perform such further functions as may be consistent with this Charter or assigned by applicable law, the Company’s charter or bylaws or the Board.

### II. Composition

The Committee shall consist of two or more directors as determined from time to time by the Board. Each member of the Committee shall be qualified to serve on the Committee pursuant to the requirements of, and meet the independence standards of, the NASDAQ Stock Market (the “*NASDAQ*”), and any additional requirements that the Board deems appropriate. Members of the Committee shall also qualify as “non-employee directors” within the meaning of Rule 16b-3 promulgated under the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”).

The chairperson of the Committee shall be designated by the Board, *provided* that if the Board does not so designate a chairperson, the members of the Committee, by a majority vote, may designate a chairperson.

Any vacancy on the Committee shall be filled by a majority vote of the Board. No member of the Committee shall be removed except by a majority vote of the Board.

### III. Meetings and Procedures

The Committee shall meet as often as it determines necessary to carry out its duties and responsibilities, but no less than annually. The Committee, in its discretion, may ask members of management or others to attend its meetings (or portions thereof) and to provide pertinent information as necessary, *provided*, that the Chief Executive Officer of the Company may not be present during any portion of a Committee meeting in which deliberation or any vote regarding

his or her compensation occurs.

A majority of the members of the Committee present in person or by means of a conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other shall constitute a quorum.

The Committee has the authority to establish its own rules and procedures for notice and conduct of its meetings so long as they are not inconsistent with any provisions of the Company's bylaws, policies, and guidelines that are applicable to the Committee.

#### **IV. Duties and Responsibilities**

##### ***A. Executive Compensation***

The Committee shall have the following duties and responsibilities with respect to the Company's executive compensation plans:

(a) To review and approve, as is necessary, at least annually the goals and objectives of the Company's executive compensation plans, and amend these goals and objectives if the Committee deems it appropriate;

(b) To review and approve, as is necessary, at least annually the Company's executive compensation plans in light of the Company's goals and objectives with respect to such plans, and, if the Committee deems it appropriate, approve and adopt new, or the amendment of existing, executive compensation plans;

(c) To evaluate annually the performance of the Chief Executive Officer in light of the goals and objectives of the Company's executive compensation plans, and, either as a Committee or together with the other independent directors (if the Committee chooses to do so), determine and approve the Chief Executive Officer's compensation level based on this evaluation. The Committee may discuss the Chief Executive Officer's compensation with the Board if it chooses to do so;

(d) To evaluate annually the performance of the other executive officers of the Company in light of the goals and objectives of the Company's executive compensation plans, and either as a Committee or together with the other independent directors (as directed by the Board), determine and approve the compensation of such other executive officers;

(e) To evaluate annually and approve, as is necessary, the appropriate level of compensation of non-employee directors, including, but not limited to, equity awards, based upon Board service, Committee service, and other activities relating to Board matters, among other factors;

(f) To perform such duties and responsibilities as may be assigned to the Committee under the terms of any compensation plan;

(g) To administer the Company's equity awards plan(s) and other equity-based compensation plan(s) that permit payment in or based upon the Company's stock which shall

include issuing award grants to all eligible participants under the plans and establishing and amending the provisions of the plans, subject to the limitations set forth in the plans or in applicable laws and regulations and stockholder approval, as necessary.

(h) To review and approve all compensation, incentive plans, and equity-based plans.

(i) To review and approve any perquisites or other personal benefits to the Company's executive officers and directors and approve any changes;

(j) To consider the results of the most recent shareholder advisory vote on executive compensation as required by Section 14A of the Exchange Act (the "*Say on Pay Vote*") and, to the extent the Committee determines it appropriate to do so, take such results into consideration in connection with the review and approval of executive officer compensation;

(k) To review and recommend to the Board for approval the frequency with which the Company will conduct Say on Pay Votes, taking into account the results of the most recent stockholder advisory vote on frequency of Say on Pay Votes, and review and approve the proposals regarding Say on Pay Votes and the frequency of Say on Pay votes to be included in the Company's proxy statement;

(l) To review and discuss with management the Company's CD&A, and based on that review and discussion, to recommend to the Board that the CD&A be included in the Company's annual proxy statement or annual report on Form 10-K;

(m) To review compensation arrangements for the Company's employees to evaluate whether incentive and other forms of pay encourage unnecessary or excessive risk taking, and review and discuss, at least annually, the relationship between risk management policies and practices, corporate strategy and the Company's compensation arrangements;

(n) To the extent it deems necessary, review and approve the terms of any compensation "clawback" or similar policy or agreement between the Company and the Company's executive officers or other employees subject to Section 16 of the Exchange Act;

(o) To ensure the preparation of the Compensation Committee Report in accordance with the rules and regulations of the SEC for inclusion in the Company's annual proxy statement or annual report on Form 10-K; and

(p) To perform such other functions as assigned by law, the Company's charter or bylaws or the Board.

## **V. Role of Chief Executive Officer**

The Chief Executive Officer may make, and the Committee may consider, recommendations to the Committee regarding the Company's compensation and employee benefit plans and practices, including its executive compensation plans, its incentive-compensation and equity-based plans with respect to executive officers (other than the Chief Executive Officer) and the Company's director compensation arrangements.

## **VI. Delegation of Authority**

The Committee may form subcommittees for any purpose that the Committee deems appropriate and may delegate to such subcommittees such power and authority as the Committee deems appropriate; *provided, however*, that no subcommittee shall consist of fewer than two members; and *provided further* that the Committee shall not delegate to a subcommittee any power or authority required by any law, regulation or listing standard to be exercised by the Committee as a whole.

## **VII. Evaluation of the Committee**

The Committee shall, no less frequently than annually, evaluate this Charter. The Committee shall deliver to the Board a report, which may be oral, setting forth the results of its evaluation, including any recommended amendments to this Charter and any recommended changes to the Company's or the Board's policies or procedures.

## **VIII. Investigations and Studies; Outside Advisers**

The Committee may conduct or authorize investigations into or studies of matters within the Committee's scope of responsibilities, may request any officer, employee or adviser of the Company to meet with the Committee or any advisers engaged by the Committee, and may, in its sole discretion, retain or obtain the advice of a compensation consultant, legal counsel or other adviser. The Committee shall be directly responsible for the appointment, compensation and oversight of the work of any compensation consultant, legal counsel or other adviser retained by the Committee, the expense of which shall be borne by the Company. The Committee may select or receive advice from a compensation consultant, legal counsel or other advisers to the Committee only after taking into consideration the following factors regarding the independence of such adviser:

- (a) The provision of other services to the Company by the person that employs the compensation consultant, legal counsel or other adviser;
- (b) The amount of fees received from the Company by the person that employs the compensation consultant, legal counsel or other adviser, as a percentage of the total revenue of the person that employs the compensation consultant, legal counsel or other adviser;
- (c) The policies and procedures of the person that employs the compensation consultant, legal counsel or other adviser that are designed to prevent conflicts of interest;
- (d) Any business or personal relationship of the compensation consultant, legal counsel or other adviser with a member of the Committee;
- (e) Any stock of the Company owned by the compensation consultant, legal counsel or other adviser; and

- (f) Any business or personal relationship of the compensation consultant, legal counsel, other adviser or the person employing the adviser with an executive officer of the Company.

The Committee shall conduct the independence assessment with respect to any compensation consultant, legal counsel or other adviser that provides advice to the Committee, other than: (i) in-house legal counsel; and (ii) any compensation consultant, legal counsel or other adviser whose role is limited to the following activities for which no disclosure would be required under Item 407(e)(3)(iii) of Regulation S-K: consulting on any broad-based plan that does not discriminate in scope, terms, or operation, in favor of executive officers or directors of the Company, and that is available generally to all salaried employees; or providing information that either is not customized for the Company or that is customized based on parameters that are not developed by the compensation consultant, and about which the compensation consultant does not provide advice.

The Committee shall evaluate whether any compensation consultant retained or to be retained by it has any conflict of interest in accordance with Item 407(e)(3)(iv) of Regulation S-K.

Nothing herein requires a compensation consultant, legal counsel or other compensation adviser to be independent, only that the Committee consider the enumerated independence factors before selecting or receiving advice from a compensation consultant, legal counsel or other compensation adviser. The Committee may select or receive advice from any compensation consultant, legal counsel or other compensation adviser it prefers, including ones that are not independent, after considering the six independence factors outlined above.

Nothing herein shall be construed: (1) to require the Committee to implement or act consistently with the advice or recommendations of the compensation consultant, legal counsel or other adviser to the Committee; or (2) to affect the ability or obligation of the Committee to exercise its own judgment in fulfillment of its duties.

The Company must provide for appropriate funding, as determined by the Committee, for payment of reasonable compensation to any adviser retained by the Committee.

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While the members of the Committee have the duties and responsibilities set forth in this Charter, nothing contained in this Charter is intended to create, or should be construed as creating, any responsibility or liability of members of the Committee, except to the extent otherwise provided under applicable federal or state law.