

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 11-K

(Marl	k One)
[X]	ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT of 1934 FOR THE FISCAL YEAR ENDED DECEMBER 31, 2009 or
[]	TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE TRANSITION PERIOD FROM to
	Commission File No. 001-11960
A.	Full title of the plan and the address of the plan, if different from that of the issuer named below:
	ASTRAZENECA SAVINGS AND SECURITY PLAN
	AstraZeneca Pharmaceuticals LP
	1800 Concord Pike
	P. O. Box 15437
	Wilmington, DE 19850-5437
В.	Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:
	AstraZeneca PLC
	15 Stanhope Gate
	London W1Y 6LN
	England

SEC Mail Processing Section

JUN 29 2010

Washington, DC 110

REQUIRED INFORMATION

1. Financial Statements:

The following financial information of the AstraZeneca Savings and Security Plan are submitted herewith:

Report of Independent Registered Public Accounting Firm;

Statements of Net Assets Available for Plan Benefits as of December 31, 2009, and 2008;

Statements of Changes in Net Assets Available for Plan Benefits for each of the years in the three-year period ended December 31, 2009;

Notes to Financial Statements; and

Supplemental Schedule of Assets (held at year end).

The schedule for which provision is made in the applicable accounting regulations of the Securities and Exchange Commission are included in the aforementioned financial statements of the AstraZeneca Savings and Security Plan.

2. Exhibit:

The following exhibit is submitted herewith:

Exhibit (A) - Consent of Independent Registered Public Accounting Firm

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the Plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

ASTRAZENECA SAVINGS AND SECURITY

PLAN

G. M. Engelmann

Chair, AstraZeneca Investment Committee

Consent of Independent Registered Public Accounting Firm

The Board of Directors AstraZeneca PLC:

We consent to the incorporation by reference in the registration statement (No. 333-09062) on Form S-8 of AstraZeneca PLC of our report dated June 24, 2010, with respect to the statements of net assets available for plan benefits of the AstraZeneca Savings and Security Plan as of December 31, 2009 and 2008, the related statements of changes in net assets available for plan benefits for each of the years in the three-year period ended December 31, 2009, and the supplemental schedule of assets (held at end of year) as of December 31, 2009, which report appears in the December 31, 2009 annual report on Form 11-K of the AstraZeneca Savings and Security Plan.

KPMG LLP

Philadelphia, Pennsylvania June 24, 2010



Financial Statements and Supplemental Schedule

December 31, 2009 and 2008

(Report of Independent Registered Public Accounting Firm Thereon)

Table of Contents December 31, 2009 and 2008

Report of Independent Registered Public Accounting Firm	Page(s)
Financial Statements:	•
Statements of Net Assets Available for Plan Benefits	2
Statements of Changes in Net Assets Available for Plan Benefits	3
Notes to Financial Statements	4 - 10
Supplemental Schedule:	
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	11



KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

Report of Independent Registered Public Accounting Firm

To the Participants of the AstraZeneca Savings and Security Plan, the AstraZeneca Investment Committee and the AstraZeneca Administration Committee:

We have audited the accompanying statements of net assets available for plan benefits of the AstraZeneca Savings and Security Plan (the "Plan") as of December 31, 2009 and 2008, and the related statements of changes in net assets available for plan benefits for each of the years in the three-year period ended December 31, 2009. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for plan benefits of the Plan as of December 31, 2009 and 2008, and the changes in net assets available for plan benefits for each of the years in the three-year period ended December 31, 2009, in conformity with U.S. generally accepted accounting principles.

Our audits were performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets (held at end of year) is presented for the purpose of additional analysis and is not a required part of the basic financial statements, but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. This supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.



June 24, 2010

Statements of Net Assets Available for Plan Benefits
December 31, 2009 and 2008

	2009	2008
ASSETS		
Investments:		
Common stock fund - AstraZeneca PLC ADRs	\$ 129,670,060	\$ 114,619,890
Investment contracts with insurance companies	193,881,483	179,850,320
Investments in mutual funds	1,224,788,935	837,838,537
Investment in commingled fund	-	74,171,974
Investments in money market funds and other	126,325,193	122,282,385
Participant loans	24,684,976	23,415,344
Total investments	1,699,350,647	1,352,178,450
Employer contribution receivable	861,524	936,493
Net assets before contract value adjustment	1,700,212,171	1,353,114,943
Adjustment from fair value to contract value for		
fully benefit-responsive investment contracts with		
insurance companies	5,068,401	5,497,583
Net assets available for plan benefits	\$ 1,705,280,572	\$ 1,358,612,526

Statements of Changes in Net Assets Available for Plan Benefits For the years ended December 31, 2009, 2008 and 2007

	2009	2008	2007
Investment income (loss):			
Net appreciation (depreciation) in			
fair value of investments	\$ 260,364,949	\$ (523,437,778)	\$ 5,027,327
Interest and dividends	35,221,583	47,078,474	67,421,999
Total investment income (loss)	295,586,532	(476,359,304)	72,449,326
Contributions:			
Employer	66,368,882	66,056,615	52,507,141
Participants	108,089,994	111,862,789	118,614,657
Rollovers	2,555,341	4,619,357	9,508,435
Total contributions	177,014,217	182,538,761	180,630,233
Deductions:			
Benefits paid to participants and rollovers	125,873,305	143,540,258	145,782,140
Administrative expenses	59,398	53,771	62,000
Total deductions	125,932,703	143,594,029	145,844,140
Net increase (decrease)	346,668,046	(437,414,572)	107,235,419
Net assets available for plan benefits:			
Beginning of the year	1,358,612,526	1,796,027,098	1,688,791,679
End of the year	\$ 1,705,280,572	\$ 1,358,612,526	\$ 1,796,027,098

Notes to Financial Statements December 31, 2009 and 2008

1. Description of Plan:

General:

The following description of the AstraZeneca Savings and Security Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions. The Plan, formerly known as the Zeneca Deferred Compensation Plan, was established on April 1, 1958, and was designed to provide a systematic means of saving and investing for the future.

Effective July 1, 2000, the Zeneca Deferred Compensation Plan was amended and restated as the Plan sponsorship transferred from Zeneca Inc. to AstraZeneca Pharmaceuticals LP (the "Company"). Regular full-time and part-time employees of the Company and AstraZeneca LP ("AZLP") are immediately eligible to participate in the Plan. The Company is an indirect wholly owned subsidiary of AstraZeneca PLC. The Plan is subject to the Employee Retirement Income Security Act of 1974 ("ERISA").

The Plan is intended as a plan described in Section 404(c) of ERISA and Section 2550.404c-1 of Title 29 of the Code of Federal Regulations. Because the Plan allows participants to invest both before-tax and after-tax contributions in AstraZeneca PLC American Depositary Receipts ("ADRs"), the Plan and the stock offered thereunder are registered under the Securities Act of 1933 (the "Act").

The AstraZeneca Investment Committee is the Plan's named fiduciary for investment and certain administrative duties, and the AstraZeneca Administration Committee is the Plan's named fiduciary for claims administration and certain other duties. Both committees are appointed by and subject to review by the AstraZeneca Compensation and Benefits Committee.

Administrative Expenses:

All costs and expenses incident to the administration of the Plan and the management of the trust fund, including the compensation of the trustee, are paid by the Company. Brokerage charges and fees incurred for purchases and sales of common stock are paid by the Company. All other brokerage charges and fees in connection with the purchase and sale of securities are included as an element of the cost of securities purchased or as a reduction in the proceeds of securities sold. Investment advisory fees are paid by the Company. Administrative expenses included in the statement of changes in net assets relate to participant distribution mailings and short-term trading fees applicable to certain investment options. These amounts are paid by the Plan, as a reduction from the participants' account.

Contributions:

Participants can make before-tax or after-tax contributions of up to 50% of annual eligible compensation. Prior to January 1, 2008, the maximum amount of the Company match was 75 cents for each dollar of the first 6% of eligible compensation that a participant contributed to the Plan. Effective January 1, 2008, the maximum amount of the Company match is one dollar for each dollar of the first 6% of eligible compensation that a participant contributes to the Plan.

Notes to Financial Statements December 31, 2009 and 2008

1. Description of Plan, continued:

Contributions, continued:

The Company also may make a fixed contribution in the amount of 2.5% of annual eligible compensation ("Fixed Company Contributions") for those participants who meet the eligibility requirements of Benefit Schedule B under the Rider 1 (the "legacy Zeneca provisions") of the AstraZeneca Defined Benefit Pension Plan. The amount of contributions is subject to the limitations imposed by the *Internal Revenue Code*. Both employee and Company contributions are allocated to each participant account. The amounts paid to the trustee are invested in the investment funds designated by the participant.

Participant Accounts:

Each participant's account is adjusted periodically to reflect his or her allocated portion of participant and Company contributions and investment earnings (loss). Investment income (loss) allocated to each participant's account is based on the portion of income and expenses and gains and losses of each investment fund in which the assets represented by the participant's account are invested.

Vesting:

Participants are immediately vested in their contributions and all Company matching contributions, plus actual earnings thereon. A participant who is credited with at least one hour of service becomes fully vested in his or her Fixed Company Contributions upon death, disability, attainment of rètirement age or the completion of three years of service.

Participant Loans:

The Plan allows plan loans pursuant to Section 408(b)(1) of ERISA and the regulations thereunder. The maximum loan amount is the lesser of 50% of a participant's account balance or \$50,000, reduced by the participant's highest outstanding plan loan balance over the previous 12 months. The minimum loan amount is \$1,000. Loans must generally be repaid over a period of up to five years. Interest rates are based on the "prime rate" published in the Wall Street Journal on the first calendar day of the month in which the loan is taken and remains fixed over the life of the loan. As of December 31, 2009, the interest rates on the participant loans range from 3.3% to 11.5%.

Payment of Benefits:

In the case of death, disability, termination, or retirement, a participant or, if applicable, the participant's beneficiary, may receive a distribution of the vested portion of his or her accounts in a lump-sum amount or in installments (excluding termination). A participant who terminates may only receive a distribution of the vested portion of his or her accounts in the form of a lump-sum amount. In addition, a participant may elect to withdraw all or part of his or her account in special circumstances, as defined by the Plan.

Notes to Financial Statements December 31, 2009 and 2008

1. Description of Plan, continued:

Forfeited Accounts:

If participants terminate employment prior to becoming fully vested in their Fixed Company Contributions, then those contributions will be forfeited and used to reduce future Fixed Company Contributions to the Plan for the remaining participants. Forfeitures used to reduce Fixed Company Contributions were insignificant to the Plan for the years ended December 31, 2009, 2008, and 2007.

2. <u>Significant Accounting Policies:</u>

The significant accounting policies employed in the preparation of the accompanying financial statements are as follows:

Basis of Accounting:

The accompanying financial statements have been prepared on the accrual basis of accounting.

Investment Valuation and Income Recognition:

Shares of common stock are valued at the period-end market price. Shares of registered investment companies are valued at quoted market prices. Purchases and sales of investments are recorded on the trade date.

Investment contracts, which are fully benefit-responsive, represent the net contribution plus interest at the contract rate. Investment contracts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for plan benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Statement of Net Assets Available for Plan Benefits presents the fair value of the investment contracts with insurance companies as well as the adjustment of the fully benefit-responsive investment contracts from fair value to contract value as of December 31, 2009 and 2008.

Dividend income is recorded on the ex-dividend date. The appreciation (depreciation) in market value of investments is based on the beginning of the year market value or value at the time of purchase during the year and is included in the statements of changes in net assets available for plan benefits. Interest income is accrued as earned.

Payment of Benefits:

Benefit payments are recorded when paid.

<u>Use of Estimates:</u>

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Company to make estimates and assumptions that affect the reported amounts of assets and liabilities. Actual results could differ from those estimates.

Notes to Financial Statements December 31, 2009 and 2008

3. Investments:

The following table presents the fair value of investments that represent 5% or more of the Plan's net assets at December 31, 2009 and 2008:

	2009	2008
Common stock fund - AstraZeneca PLC ADRs	\$ 129,670,060	\$ 114,619,890
Asset Allocation Fund	-	74,171,974
Spartan International Index Fund	106,280,435	-
T Rowe Price Small Cap Value Fund	123,131,522	99,037,001
Vanguard Growth Index Fund	116,736,054	85,635,546
Vanguard Institutional Index Fund	199,928,562	161,499,118
Vanguard Prime Money Market Fund	-	73,825,465
Vanguard Total Bond Market Index Fund	91,216,564	74,746,506
Vanguard Value Index Fund	-	69,126,336

During 2009, 2008, and 2007, the Plan's investments (including realized gains and losses on investments bought and sold, as well as held during the year) appreciated (depreciated) in value as follows:

	2009	2008	2007
Mutual funds	\$ 248,109,334	\$(481,054,278)	\$ 19,922,018
Common stock fund	23,671,662	2,102,129	(23,652,507)
Commingled funds	(11,416,047)	(44,485,629)	8,757,816
	\$ 260,364,949	\$ (523,437,778)	\$ 5,027,327

4. <u>Investment Contracts with Insurance Companies:</u>

The Plan invests in a portfolio of benefit-responsive guaranteed investment contracts issued by insurance companies. The AstraZeneca Investment Committee manages the portfolio, and Fiduciary Capital Management is the portfolio's advisor. The portfolio is credited with interest on the guaranteed investment contracts and may be debited for participant withdrawals. Participants may direct the withdrawal or transfer of all or a portion of their investment.

Notes to Financial Statements December 31, 2009 and 2008

4. Investment Contracts with Insurance Companies, continued:

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The average yield and crediting interest rates were approximately 4% for the year ended December 31, 2009 and 5% for the years ended December 31, 2008, and 2007.

5. Fair Value Measurements

Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 820, Fair Value Measurements and Disclosures, establishes a framework for measuring fair value and enhances disclosures about fair value measurements. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs other than Level 1 that are observable, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.

Level 3: Unobservable inputs that are supported by little or no market activity and that are significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value:

Common stock: Valued at the closing price reported on the active market on which the individual securities are traded.

Investment contracts with insurance companies: Valued at fair value by discounting the related cash flows based on current yields of similar instruments with comparable duration considering the credit-worthiness of the issuer.

Mutual fund: Valued at the net asset value ("NAV") of shares held by the Plan at year end. NAV is provided by the trustee and is determined based on the fair value of the underlying assets. NAV is a practical expedient for fair value.

Commingled fund: Valued at the NAV of shares held by the Plan at year end. NAV is provided by the trustee and is determined based on the fair value of the underlying assets. NAV is a practical expedient for fair value.

Money market fund: Valued at the NAV of shares held by the Plan at year end. NAV is provided by the trustee and is determined based on the fair value of the underlying assets. NAV is a practical expedient for fair value.

Notes to Financial Statements December 31, 2009 and 2008

5. Fair Value Measurements, continued:

Participant loans: Valued at unpaid principal.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table lists the fair values of investments as of December 31, 2009 and 2008:

	Fair Value	Measurements	as of Decemb	er 31, 2009:
	Level 1	Level 2	Level 3	Total
Common stock fund	\$ 129,670,060	\$ -	\$ -	\$ 129,670,060
Investment contracts with insurance companies	_	193,881,483	-	193,881,483
Mutual funds	1,224,788,935	193,001,103	-	1,224,788,935
Money market funds	126,325,193	_	_	126,325,193
Participant loans	-		24,684,976	
Total investments measured at fair				
value	\$1,480,784,188	\$193,881,483	\$24,684,976	\$1,699,350,647
	Level 1	Measurements Level 2	Level 3	Total
Common stock fund	\$ 114,619,890	\$ -	\$ -	\$ 114,619,890
Investment contracts with insurance companies	_	179,850,320	-	179,850,320
Mutual funds	837,838,537	-	-	837,838,537
Commingled fund	-	74,171,974	-	74,171,974
Money market funds	122,282,385	-	-	122,282,385
Participant loans			23,415,344	23,415,344
Total investments measured at fair				
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value	\$1,074,740,812	\$254,022,294	\$23,415,344	\$1,352,178,450

The following table sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2009:

	Level 3 Assets Participant Loans
Balance as of January 1, 2009	\$23,415,344
Issuances, repayments and settlements, net	1,269,632
Balance as of December 31, 2009	\$24,684,976

Notes to Financial Statements December 31, 2009 and 2008

6. Internal Revenue Service Status:

On August 25, 2008, the Internal Revenue Service issued a determination letter for the amended and restated Plan, which stated that the Plan and its underlying trust, as effective January 1, 2006, qualified under the applicable provisions of the *Internal Revenue Code*. The plan administrator believes that the Plan is designed and currently being operated in compliance with the applicable provisions of the *Internal Revenue Code*.

7. Plan Termination:

Although it has not expressed any intent to do so, the AstraZeneca Compensation and Benefits Committee has the right under the Plan to amend or terminate the Plan at any time, subject to the provisions of ERISA and other applicable laws.

8. Party-in-Interest Transactions:

Certain Plan investments are shares of registered investment companies managed by affiliates of Fidelity Investment Management Company. Fidelity Investment Management Company is the trustee as defined in the Plan, and therefore, these transactions qualify as party-in-interest transactions.

9. Risks and Uncertainties:

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statement of net assets available for plan benefits.



Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2009

Plan No. 002 EIN 23-2967016

Schedule H, Line 4i

Description	Fair value
Common stock fund:	
* AstraZeneca PLC ADRs	\$ 129,670,060
Investment contracts with insurance companies (AstraZeneca - Stable Value Fund):	
Genworth Life & Annuity I	8,885,357
Hartford Life Insurance Company	7,710,699
ING Aetna	13,520,359
Jackson National Life	14,058,683
John Hancock Mutual Life Insurance	3,118,297
Metropolitan Life Inc.	17,878,772
Monumental Life Insurance Company	14,973,798
Mutual of America	9,921,589
New York Life Insurance Company	29,388,222
Ohio National Life Insurance	12,443,713
Pacific Life Insurance Company	18,890,316
Principal Life Insurance	12,407,432
Prudential Insurance Company of America	28,846,530
United of Omaha	1,837,716
	193,881,483
Investments in mutual funds:	
AF Fundamental Investors R5	27,777,913
*Fidelity Diversified International	8,704,047
*Fidelity OTC Portfolio	56,435,046
*Spartan International Index Fund	106,280,435
Templeton Institutional Funds, Inc - Foreign Equity Series Primary	6,366,738
T Rowe Price Small Cap Value Fund	123,131,522
Vanguard Balanced Index Fund	50,837,727
Vanguard Explorer Admiral Fund	10,247,665
Vanguard Growth Index Fund	116,736,054
Vanguard Institutional Index Fund	199,928,562
Vanguard Mid Cap Index Fund	78,522,658
Vanguard Morgan Growth Fund	13,468,806
Vanguard PRIMECAP Core Fund	24,041,341
Vanguard Small Cap Index Institutional Fund	37,728,108
Vanguard Target Retirement 2005 Fund	4,451,810
Vanguard Target Retirement 2010 Fund	8,044,174
Vanguard Target Retirement 2015 Fund	27,520,591
Vanguard Target Retirement 2020 Fund	30,593,398
Vanguard Target Retirement 2025 Fund	35,029,511
Vanguard Target Retirement 2030 Fund	31,012,927
Vanguard Target Retirement 2035 Fund	26,059,141
Vanguard Target Retirement 2040 Fund	14,161,153
Vanguard Target Retirement 2045 Fund	6,631,496
Vanguard Target Retirement 2050 Fund	1,742,379
Vanguard Target Retirement Income Fund	6,059,090
Vanguard Total Bond Market Index Fund	91,216,564
Vanguard Value Index Fund	82,060,079
	1,224,788,935
Investments in money market funds and other:	
Vanguard Prime Money Market Fund	74,057,411
* FMTC Institute Money Market Fund	50,747,050
Other Interest-Bearing Cash	1,520,732
	126,325,193
Total assets held for investment purposes	\$ 1,674,665,671