

DRUG MARKET WITHDRAWAL

THEOPHYLLINE EXTENDED-RELEASE TABLETS USP 400mg 100s Container pack (Tablets) (NDC 68462-380-01) (Glenmark)

August 8, 2025

Dear Pharmacy, Wholesale and Retail Customer:

This is to inform you that Glenmark is initiating a Market Withdrawal at the Retail level involving the following prescription product:

Theophylline Extended-Release Tablets USP 400 mg (100's Tablets)

Sr. No.	NDC Code	Batch No.	Pack Size	Exp. Date
1	68462-380-01	19233993	100's Tablets	Sep-2025
2	68462-380-01	19234027	100's Tablets	Sep-2025
3	68462-380-01	19234047	100's Tablets	Sep-2025
_ 4	68462-380-01	19234070	100's Tablets	Sep-2025
5	68462-380-01	19234079	100's Tablets	Sep-2025
6	68462-380-01	19234093	100's Tablets	Sep-2025
7	68462-380-01	19234114	100's Tablets	Sep-2025
8	68462-380-01	19234385	100's Tablets	Oct-2025
9	68462-380-01	19234427	100's Tablets	Oct-2025
10	68462-380-01	19234459	100's Tablets	Oct-2025
11	68462-380-01	19234462	100's Tablets	Oct-2025
12	68462-380-01	19240385	100's Tablets	Dec-2025
13	68462-380-01	19240437	100's Tablets	Jan-2026
14	68462-380-01	19241185	100's Tablets	Feb-2026
15	68462-380-01	19241197	100's Tablets	Feb-2026
16	68462-380-01	19241220	100's Tablets	Feb-2026
17	68462-380-01	19241238	100's Tablets	Feb-2026
18	68462-380-01	19244538	100's Tablets	Oct-2026
19	68462-380-01	19250174	100's Tablets	Dec-2026



Glenmark is initiating a market withdrawal at the *Retail level* for the above-identified batches of Theophylline Extended-Release Tablets 400 mg due to failure results were reported for the Dissolution (By UV) test for commercial annual stability batch #19230553 of Theophylline Extended-Release Tablets 400mg at the long-term (25°C/60% RH) shelf life stability interval. The batch already expired in January 2025; hence no market action is warranted.

As part of impact assessment testing, Theophylline Extended-Release Tablets 400mg batches within the shelf life were tested for dissolution. During this testing, failure results are reported in 8 out of 27 batches of Theophylline Extended-Release Tablets 400mg. A voluntary recall is being initiated for these eight (8) batches that are within shelf life.

As an abundance of caution, Glenmark is initiating market withdrawal of the remaining above mentioned 19 batches of Theophylline Extended-Release Tablets 400mg that are within shelf life wherein the Dissolution test results are complying with the Dissolution specification criteria when tested as part of impact assessment.

To date, Glenmark has not received any reports of adverse events related to this market withdrawal. The Health hazard assessment (HHA) concluded that the observed OOS results in dissolution testing for the concerned batches of Theophylline Extended-Release Tablets 400mg are not expected to pose a clinically significant risk to patient health and safety.

Please see the details of product batches listed in the above table and refer to the enclosed product labels for ease in identifying the product.

Please examine your inventory, and if you have any inventory available for the batches specified in the above table, you should quarantine such product immediately and not dispense any further product from these lots. Glenmark Pharmaceuticals Inc., USA initiated shipment of this product on 11/22/2023.

In addition, if you are a wholesaler/ distributor, who has further distributed this product, please identify those retail customers and notify them at once of this market withdrawal. Your notification to your retail customers may be enhanced by including a copy of this market withdrawal notification letter. Again, this market withdrawal should be carried out to the retail level only. Because this is not a consumer level market withdrawal, notice to the consumer level is not required.

Glenmark is requesting the batches specified in the above table to be returned to Inmar Rx Solutions (address below) using the Postage Paid Product Return label that was provided in your Market Withdrawal Return Packet.



Inmar Rx Solutions 3845 Grand Lakes Way Grand Prairie, TX 75050

Please complete and return the enclosed response form preferably within 72 hours of receipt of this notification. Please either fax your response to 817-868-5362 or email to Rxrecalls@Inmar.com.

If you have any questions regarding your market withdrawal return please contact Inmar at (877) 560-6078

Inmar office hours are Monday through Friday, from 9 am to 5 pm EST.

This market withdrawal is being made with the knowledge of the Food and Drug Administration.

Thank you for your cooperation,

Sincerely,

GLENMARK PHARMACEUTICALS INC., USA

thomas.callaghan@g thomas.callaghan@glenmarkphar lenmarkpharma.com Date: 2025.08.08 08:41:43 -04'00'

Thomas Callaghan

Executive Director - Regulatory Affairs, North America

US Agent for Glenmark Pharmaceuticals Limited

Enclosure(s):

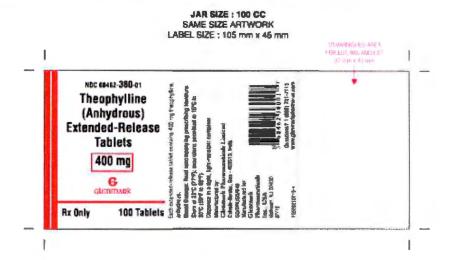
Product Labels

Market Withdrawal Return Response Form

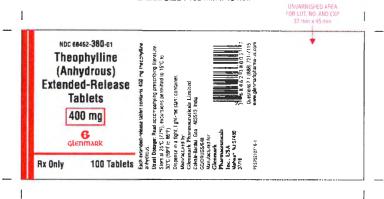


Product label:

Theophylline Extended-Release Tablets 400 mg (100's Tablets)



JAR SIZE : 100 CC SAME SIZE ARTWORK LABEL SIZE : 105 mm x 45 mm



MINIMUM FONT SIZE: 4.5 pt

6 GLENMARK PHARMACEUTICALS LTD.	DATE:	PANTONE SHADE NO: 186 C BLACK
PRODUCT NAME: THEOPHYLLINE E R TABLETS 400 MG ITEM CODE: PE52521 VERSION: 0719-1	PKG. DEV.:	litem code Version Consistency of Design, overprint area, Pack size, Oimensions & Layoui
PHARMACODE:	RA	Regulatory Text
COUNTRY: USA	QA:	Entire Text
LOCATION: COLVALE - GOA PACK: LABEL - 100 TABLETS	PRODUCTION:	Machine Sultability
ACTUAL SIZE: 105 mm x 45 mm	REMARKS:	
SPECIFICATION: A UV VARNISH COATED FASPRINT NG/PERI DENISON PRINTED AS PER APPROVED AR		

May
Digitally signed by May Breedlove
Date: 2019.07.18
15:40:13 - 04'00'

Dana Marie Watt

Carole Digitally signed by Carole Capella Date: 2019.07.18 20:56:33 -04'00'

cours as a while oddriess crystaltine powder name 19-bunne-2,6-dione, 3,7-dillydrc-1,3-

TABLE	Neae sad	range of total	body elements a altered physiolog	end Aspif-lide to plead whether	throphythme	retated to age ar
			summed by Assessed	facilities.		

Payudation Characteristics	Total body clearance" mean (roogs)" (rot.lig.lmin)	Half-life mean (range) (lir)
Sea		
Premiure neorgies		55-071-451
postnatal age 3 to 15 days	0.29 (0.08 to 0.45) 0.64 (0.64 to 1.2)	20 (\$4 (6 30.8)
postnatal age 25 to 57 days Term Infants	(TPs (d 04 to 1 5)	stif (and to so all
post natal age 1 to 2 days	19	25.7 (25 to 26.5)
postnotal age 3 to 30 weeks	1 800*	11 (5 to 29)
Chaldran		
1 in 4 years.	17 (05 to 29)	8,4 (1,2 to 5.0)
4 in 18 years	1.6 (0.6 to 2.4)	IIR*
13 to 15 years	0.9 (0.48 to 1.3)	1007
6 to 17 years	1,4 (0.2 to 2.6)	3.7 (1.5 to 5.9)
Asults (18 to 60 years)		
prhenvise healthy non-smolon; self-melics	0.85 (0.27 to 1.03)	6.7 (6.1 to 12.6)
Elderly (>60 years)		
non-smoken with normal cardisc.	9.41 (0.21 to 0.61)	3.6 (1.6 to 18)
liver, and renal function		1
Consession (Character of Albertal physiological state	0.33** (0.07 to 2.45)	19** (\$.1 to 82)
Acute pulcnotrary adema	C54 (0.44 to 0.64)	11 (0.4 to 11.6)
COPD->ED years, stank: non-smoker > 1 year	C24 (Over 12 (C64)	11 (6/410 (874)
COPD with cor pulmorals	(D 46 (D.08 to 0.88)	1001
Dyestic Hercese (14 to 28 years)	1 25 (0 31 to 2.2)	6-(1,810 10,2)
Fever associated with	. 52 (0 41 0 7 17)	0 (100 10 100)
acute vest respiratory timesi-	NR:	7 (1 (0 13)
(children 9 to 15 years)		
ver disease		
CHThasis	0.31** (0.1 to 0.7)	32** (10 in 58)
acute Indoatria	035 (8.25 to 0.45)	19.2 (16.6 to 21.9)
choledass	Q.BS (D.25 to 1,45)	14.4 (5,710.31.6)
Pregnancy		
s# trimester	MRI	8.5 (3,1 to 13,8)
2" trimesler	100	88 (3.8 to 13.8) 13 (8.4 to (7.6)
3* rrimester	6.47 (6.15 to 1.8)	18 (6.3 to 94.1)
Septit, with multi-organ tailurs	0/41 (67 (20 178)	(6'6 (8 9 (6 34'1)
Phyroid disease	0.38 (0.110 0.57)	11 5 (8.2 to 25)
hypothyreid	0.8 (0.66 0.087)	45(37(058)
hyperthyroid	dum react Different also or di	131319091

	MORNING	EVEKING
AGE 40 to 24 tws.) (mee hr/m	236 ± 76.7	756 x 80 4
C., (mostel)	14.5 n 4 7	163 245
C_(mcateL)	35:29	5123
T. (finus)	1 81±87	0.1 ± 4 1

at doses of \$500 mg unce design to the for the reference drug when green as in this static word as follows:	400 mg BID. In perhopaler, the	U.C. and C. whom distant
	Thoughpilina Estandad- Redonas Tableta 200 mg (20th y 30	Reference Strop 400 erg (200 x 50
ALC. (8 to 34 hears), mag trans.	30E.9 x 21.5	203.5 ± 30.4

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	100 mg TABLET 1900	400 mg (BME - GME-HALF 400 mg TABLETS) PED	
AUC D to 26 are (FIGS SerVIL)	208 77 x 51.04	212.32 ± 56.29	
C., (WCGWL)	12,91 ± 2.46	1317:311	
C., (MCS/ML)	5.52 x 1.78	5.39 ± 1.95	
[(heurs)	8.67 : 3.21	7.28 ± 2.35	
Percent Bucheston	189.75 a \$4.82	179.72 ± 28.66	

Doura mane Wat 18 JULY 2019

G GLENMARK PHARMACEUTICALS LTD. DATE: 18.07.2019 PRODUCT NAME: LET THEOPHYLLINE ER TAB 400-000MG LE PKG. DEV.; TTEM CODE: PE52529 VERSION; 0819-1 RA PHARMACODE: NA BARCODE: 52523 COUNTRY: US QA: PÁCK : Foldedägtue 35x36mm ACTUAL SIZE: 490X280 MM SPECIFICATION: 40 GSM B BLE PAPER

Bring	Tone of intercetion	Effect "*
Administra	Treaphyline blocks apends ne raceptors.	Higher dases or adendante may be respekted to achieve desired effect.
Allear d	A suigle large dose of alcohol (3 mi./kg of whiskey) decreases theophyliate clearance for up to 24 hours.	
Allegurinsi	Decreases theophyline clearance at allopurmol doses 2600 mg/day.	25% increase
Aminogluiethmise	Increases throphylline clearance by induction or microsomal engine activity.	25% pecrease
Cartsensazzonina	Einder is arringfuldförede.	30% excresses
Emetione	Docreases theophylline clearance by uninbting cylochrome P450 1A2	70% increase
Corefloxace	Similar to personalistate.	40% increase
Charlespool	Similar to organization.	25% increase
Визерит	Benutokazapintes increase CRIS contentrations of adequatine, a potent CRIS decreased white throphylline blacks adanceme receptors.	Larger decrepent doses may be required to produce desired level a sedation. Decontinuation of the played authority and the decrepent dose may result in respiratory arger assistant.
Drauffitanti	Decreases Ingophysine clearance by inhibiting hydrogealon and penaltylation.	50% nuelse
Engueen	Sanita to campidate	3675 intress
Epresive	Synergetic CRS effects.	increased tropicney of names, nervousness, and incomnis.
Engitranyon	Enteromycan metabblid decreases theophyline classance by inhibiting catechnome P450 BA3.	\$5% increase Erythological steady-state better concentralizate decrease by a sandar arround.
Estrogen	Estrogen contenting one contraceptives secrease throphysian stearance in a dost-dependent Cashani. The effect of progress cross on throughysians clearance is a niceptive.	36% increase
Римерия	Similar to diazapam	Sendor to designore.
Понементи	Sombrin analysis,	Similar to cimetidine.
Malethynia	I realize hame is an all their the remedicately the	Increases risk of vemneular

Carole Digitally signed by Carole Capella Capella Date: 2019.07.18 21:00:03 -04'00'

shrje	Throphysine increases raid Minut	Lithium Bose I aguired to achieve a
	charance	therapeutic serum concentration increased or a verage of 60%.
Larangers.	Similar to digregam	Similar to diazepars.
Methotrospec (NITE)	Decrees Preghyline demons.	10% storeess after low cose NTX higher cose NTX may have a greater afted
Macrieting	Similar to displayer.	\$0% improduce
Sindy Majors	Similar in planeaux.	Similar to discount,
Manazore	Increases theophyline clearance	25% decrease
Pancurerium	Tracohyline may artagonye ron-deadler and neuromuscular occurre effects possebly dur to phosel poesierase inhibition.	Larger dose is sansyronium may be required to achiese neuromuscolar blockade
Pertpulyling	Decreases throughyding clearance.	38's, norman
Prenchatte (PS)	Smile to enterpretament	25% decrease effor two woods of concurrent P9.
Prenytor	Pretytost increases theophyline dearance by increasing microsonal mityme activity. Theophyline decreases phenyloin abcorplice.	Serum liteophydine and phenyroin concertrations decrease about 40%,
Propalerone	Decreases theophyline clearance and pharmacologic interaction	40% increase Beta-2 blocking offed may decrease efficacy of I theophyline
Propraydel	Smitar to omelidine and pharmacologic interaction.	100% increase, 86a-2 bisciong effect may decrease efficacy of theophylinne.
Rompin	Increases incoprylline classance by moreasing cylindryome P450 1A2 and SA3 activity.	2010 40% pecresse
St. John s Won Mytencum Perforatium)	Decrease in theophylline slagms concentralisms.	nights doses at Itersphyline may be required to achieve depines effect. Stepping SL John's Worl may result in Ineophylline Loxicity.
Surveyeappre	Increases theophysics clearance by increasing demethylation and hydroxylation. Decreases renal clearance of theophysics.	20% (Ps/2004)
Tacrine	Similar to simetidino also increases renal clearance of theophylane.	90% vicrouse
Tristendazole	Decrease theophylline stepperce.	1975 Horest
Complete	Decreases Progradure characte.	60% morayse
releandotrych	Similar to enthromyon	33 to 165% increase depending on Trakandomytun dosa
Veragamvi	Similar to passivam,	383 remar
Reports PRODUCTIONS, Arresportford to Meady policies they disperies	Dog bibrooken to latter bispooken repo- dets langinglike sementrilly: 2: 1800 distan- e langer stanges in seven linearightes somesi	diam tells
	time been documented not to interest o no officially algorithmat interestion will	

albetoral, systemic and impled	meterdesisk
amescille	Personal Property Communication of the Communicatio
ampicific, with or williast subscripts	mpThylosophications;
Complet	noting indicated:
Tappidan/Cn	mategrafiel
Sillians, delary ingosters	moleid
aditromycu spilone, delary ingaster caladar	rifetore
to-transport franchipen and	roundre
Shaper .	springer
Arthophysio	of magin
Supplied of the Control of the Contr	amepapain
Symptoling	problems, problems
triodigme	amilying
Drouterdo	Abbah
hydrosor's store	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM
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nemand	tuda@bits
moderne	terbuilte, aplant
There were	for femality
infocement	foliacosting
intelligence in	Security

Douna marie Wats 18 JULY 2019

Broodlove Date:		igned by Downama	ie Wa 4 2019	
		GLENMARK PHARMACEUTICALS LTD.	DATE: 18.07.2019	PARTORE SMADE NO. Black
		PRODUCT NAME: UPTTHEOPHYLINE BY TAB 480-800MG U	PPKG. DEV :	Sim past, Whiter Cymathropy of Dates subsystems, Rich site, Dimensions & Leybul
		PHARMACODE: NA BARCODE: 58583	RA	Regulatory Trace
		COUNTRY: US	QA:	En e fac
		LOCATION: Gon	PRODUCTION:	Number, Surability
ole	Digitally signed by Carole Capella	Thom.	REMARKS: NA	
alla	Date: 2019.07.18	PRECIENTIFICATION: 40 OFFILE BOTH F CAREE		

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Necessaries for G



MARKET WITHDRAWAL RETURN RESPONSE FORM

THEOPHYLLINE EXTENDED-RELEASE TABLETS USP 400mg 100s Container pack (Tablets) (NDC 68462-380-01) Retail Level 8/8/2025

Please fill out this form completely. By doing so, this will acknowledge that you have read and understand the withdrawal instructions and have taken the appropriate action.

Customer Name:		DEA#:	
DEA # is required, if it is no	ot provided, the processing	g of your form will	be delayed.
Address:			
City:	City:		Zip:
Contact Name (Please Print):			
Telephone#:	Email:		
Contact Signature:		Date:	
DEBIT MEMO# (If unsure, leave blank):			
Wholesaler Information if not directly pure	hased from Glenmark P	harmaceuticals I1	<u>1c.:</u>
Wholesaler Name:		DEA#:	
City:		State:	Zip:
I have checked my stock and communicated	to my outtomore at the a	nnranriata laval:	
•	•		o the Detail lev
□ I confirm that all locations that received t	•	ve been nounted t	o the Retail lev
(Initi	al and date)		
☐ I do not have any stock of the market withdra	wn items. OR		
$\hfill\Box$ I have quarantined and listed in the box below	the quantity of market wi	thdrawn units and	I will be returni
to Inmar, as soon as possible. Upon receipt of this	is Response Form, Inmar, v	vill issue return aut	horization label
Please indicate the # of needed how labels			

Theophylline Extended-Release Tablets USP 400mg (100's Tablets)

Sr. No.	NDC Code	Batch No.	Pack Size	Exp. Date	Total Full/ Sealed and Partial/ Open Bottle Count
1	68462-380-01	19233993	100's Tablets	Sep-2025	
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19	68462-380-01	19250174	100's Tablets	Dec-2026	

If you have any questions regarding this form or product return please contact Inmar at **(877) 560-6078** Office hours 9am to 5pm EST Mon thru Fri.

Please fax this form to: 1-817-868-5362 or E-mail rxrecalls@inmar.com

Market Withdrawal Event ID N131342 | RCL191-25