Drugs V

Cocoa butter

IDENTIFICATION

Name	Cocoa butter
Accession Number	
Туре	Biotech
Groups	Approved

Description

Cocoa butter is an edible natural fat obtained from the *Theobroma cocoa* seeds that is predominantly found in dark chocolate ^[4]. It is a rich source of monounsaturated and saturated fatty acids [A33040] that mainly contains approximately 33% <u>Oleic Acid</u>, 25% <u>Palmitic Acid</u>, and 33% <u>Stearic acid</u> ^[1] but does not contain caffeine or theobromine. Fat cocoa solids, including cocoa butter, have lower phenolic content than non-fat cocoa solids but may contain some polyphenols of different structures of flavonoids with antioxidant properties ^[6].

Cocoa butter is included in chocolate and other food products, and can also be found in over-the-counter skin products such as lotions, creams, and bars intended to maintain skin softness. While cocoa butter has skin moisturizing properties, it was not shown to reduce the likelihood of developing of striae gravidarum, or stretch marks, in a double-blind, randomized clinical trial of women in the first trimester [2]. Still, it is a common active ingredient for prevention of skin dryness in cosmetic and skincare products. Oftentimes cocoa butter is used in over-the-counter pharmaceutical products and suppositories. The lipid-lowering effects of cocoa butter have been studied and investigated, as fatty acid constituents of cocoa butter are known to exhibit lipid-lowering properties. Dyslipidemia is characterized by elevated levels of plasma triglyceride and very-low-density lipoprotein (VLDL) cholesterol due to overproduction of large triglyceride-enriched VLDL cholesterol particles [1]. Cocoa butter has shown to reduce VLDL cholesterol levels in animal studies, suggesting its potential use in lipid disorders.

Synonyms

Cacao butter
Cacao seed oil, fermented
Oil, cocoa butter
Oil, cocoa butter
Theobroma cacao (cocoa) seed butter
Theobroma cacao oil
Theobroma oil

Over the Counter Products



Dermatitica	Oil	3.2 mg/50mL	Topical	Phytopia Co.,	2016-04-01	Not applicable	
Synergy for				Ltd.			
treatment							

Drugs v)(

Marks Remover Suppo H Suppository 1 g Rectal Produits 1996-06-27 1997-09-11 Sup 1000mg A**l**oex Ltee Suppo-H Suppository 1 g Rectal Santrel 1992-12-31 1999**-**12**-**31 [+] 1000mg/sup International Inc. Terrasil Ointment 50 g/100g Topical Aidance 2014-06-10 Not applicable Fissures Skincare & Formula Topical Solutions, LLC

Showing 1 to 5 of 5 entries

<u><</u> 1 <u>></u>

Mixture Products

Show 10 entries Search

NAME ↑↓	INGREDIENTS	DOSAGE ↑↓	ROUTE ↑↓	LABELLER ↑	MARKETING START ↑↓	MARKETING END ↑↓	↑ ↑
Apz Hemorrhoidal Suppositories	Cocoa butter (85.5 %) + Phenylephrine hydrochloride (0.25 %)	Suppository	Rectal	Apz Pharmaceutical Corporation	Not applicable	Not applicable	[+]
Atopic Healer Synergy	Cocoa butter (4.9 mg/50mL) + Balsam of Peru (3.6 mg/50mL)	oil	Topical	Phytopia Co., Ltd.	2016-04-01	Not applicable	
Avedana Hemorrhoidal	Cocoa butter (88.5 g/100g) + Phenylephrine hydrochloride (.26 g/100g)	Suppository	Rectal	Unipack	2014-09-18	Not applicable	
Averteax	Cocoa butter (2.5 mg/1g) + Zinc oxide (0.15 mg/1g)	Ointment	Topical	Camellix, LLC	2014-01-01	Not applicable	
Averteax	Cocoa butter (2.5 mg/1g) + Zinc oxide (0.15 mg/1g)	Cream	Topical	Camellix, LLC	2014-01-01	Not applicable	
Calmol 4	Cocoa butter (2052 mg/1) + Zinc oxide (270 mg/1)	Suppository	Rectal	Resical Inc.	2006-05-13	Not applicable	
Care One Hemorrhoidal	Cocoa butter (2137.5 mg/1) + Phenylephrine hydrochloride (75 mg/1) + Shark liver oil (6.375 mg/1)	Suppository	Rectal	American Sales Company	2003-12-09	2015-09-01	

No pharmacokinetic data available.

Volume of

distribution

Metabolism



General References

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- Osman H, Usta IM, Rubeiz N, Abu-Rustum R, Charara I, Nassar AH: Cocoa butter lotion for prevention of striae gravidarum: a double-blind, randomised and placebo-controlled trial. BJOG. 2008 Aug;115(9):1138-42. doi: 10.1111/j.1471-0528.2008.01796.x. [PubMed:18715434]
- 3. Scapagnini G, Davinelli S, Di Renzo L, De Lorenzo A, Olarte HH, Micali G, Cicero AF, Gonzalez S: Cocoa bioactive compounds: significance and potential for the maintenance of skin health. Nutrients. 2014 Aug 11;6(8):3202-13. doi: 10.3390/nu6083202. [PubMed:25116848]
- 4. Ding EL, Hutfless SM, Ding X, Girotra S: Chocolate and prevention of cardiovascular disease: a systematic review. Nutr Metab (Lond). 2006 Jan 3;3:2. doi: 10.1186/1743-7075-3-2. [PubMed:16390538]
- 5. Steinberg FM, Bearden MM, Keen CL: Cocoa and chocolate flavonoids: implications for cardiovascular health. J Am Diet Assoc. 2003 Feb;103(2):215-23. doi: 10.1053/jada.2003.50028. [PubMed:12589329]
- 6. Jalil AM, Ismail A: Polyphenols in cocoa and cocoa products: is there a link between antioxidant properties and health? Molecules. 2008 Sep 16;13(9):2190-219. [PubMed:18830150]

External Links	PubChem Substance	<u>347911109</u>
	Wikipedia	Cocoa_butter

AHFS Codes 84:08.00 — Antipruritics and Local Anesthetics

CLINICAL TRIALS

Clinical Trials (1)

Show 10	entries			Search		
PHASE ↑↓	STATUS 1	PURPOSE ↑↓	CONDITIONS	₩	COUNT	₩
1	Recruiting	Other	High Blood Pressure (Hypertension). / Hypertension, Essential		1	
4	Completed	Treatment	Complications; Cesarean Section		1	

FORM	1√	ROUTE	↑	STRENGTH	↑
Oil		Topica l			
Cream		Topica l			
Ointment		Topica l			
Suppository		Recta l			
Gel		Topica l			
Kit					
Oil		Topica l		3.2 mg/50mL	
Suppository		Rectal		1 g	
Ointment		Topical		50 g/100g	

Prices Not Available

PROPERTIES

State Not Available

Experimental Not Available

Properties

TAXONOMY

Classification Not classified

Patents

Drug created on December 03, 2015 09:51 / Updated on April 13, 2019 18:38

Not Available

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