



LKT Laboratories, Inc.

Camptothecins Standards Kit

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID AS104

CAS No.

Chemical Name

Synonym

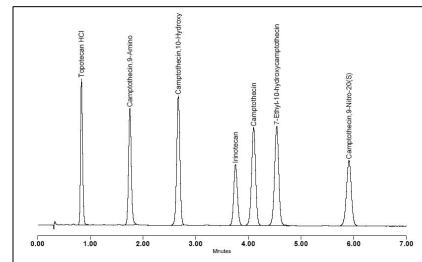
Formula

Formula Wt.

Melting Point

Purity

Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
AS104	1 kit	\$2106.90

Store Temp -20°C

Ship Temp Ambient

Description **Camptothecins Standards Kit Contents:**
-Column: Cosmosil 2.5µ Cholesterol, 2.0 x 50 mm
-1 mg 9-Aminocamptothecin
-1 mg Camptothecin
-1 mg 7-Ethyl-10-hydroxycamptothecin
-1 mg 10-Hydroxycamptothecin
-1 mg Irinotecan
-1 mg 9-Nitro-20(S)-camptothecin
-1 mg Topotecan
-Standards sample prep instructions
-UHPLC separation conditions
-Chromatogram of the separation
-Certificate of Analysis for each standard

References Devasia RM, Altaf M, Alrefaei AF, et al. Enhanced production of camptothecin by immobilized callus of Ophiorrhiza mungos and a bioinformatic insight into its potential antiviral effect against SARS-CoV-2. J King Saud Univ Sci. 2021 Mar;33(2):101344. PMID: 33531790.

Yang M, Wang Q, Liu Y, et al. Divergent camptothecin biosynthetic pathway in Ophiorrhiza pumila. BMC Biol. 2021 Jun 16;19(1):122. PMID: 34134716.

Aswani R, Jasim B, Vishnu RA, et al. Nanoelicitor based enhancement of camptothecin production in fungi isolated from Ophiorrhiza mungos. Biotechnol Prog. 2020 Nov;36(6):e3039. PMID: 32558398.

Wang C, Wu C, Wang Y, et al. Transcription factor OpWRKY3 is involved in the development and biosynthesis of camptothecin and its precursors in Ophiorrhiza pumila hairy roots. Int J Mol Sci. 2019 Aug 16;20(16):3996. PMID: 31426351.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.