



LKT Laboratories, Inc.

n-Butyl Analog of Paclitaxel

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

Product Information

Product ID T1020

CAS No.

Chemical Name Paclitaxel n-butyl analog

Synonym Paclitaxel, n-butyl Analog

Formula $C_{45}H_{55}NO_{14}$

Formula Wt. 833.93

Melting Point

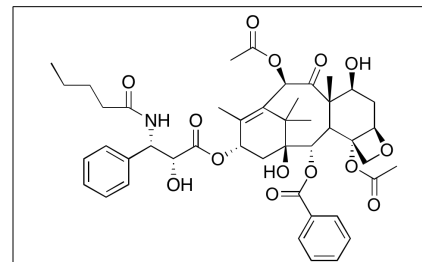
Purity $\geq 95\%$

Solubility

Store Temp -20°C

Ship Temp Ambient

Description n-Butyl Analog of Paclitaxel is an impurity of the chemotherapy drug paclitaxel.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T1020	1 mg	\$633.70
T1020	5 mg	\$2316.70
T1020	10 mg	\$3815.80
T1020	25 mg	\$7495.20

References Nicolaou K, Yang Z, Liu J, et al. Total synthesis of taxol. Nature. 1994 Feb 17;367(6464):630-634. PMID: 7906395.

Nicolaou K, Valiulin R. Synthesis and biological evaluation of new paclitaxel analogs and discovery of potent antitumor agents. Org Biomol Chem. 2013 Jul 7;11(25):4154-4163. PMID: 23685867.

Sanchez-Munoz R, Perez-Mata E, Almagro L, et al. A novel hydroxylation step in the taxane biosynthetic pathway: a new approach to paclitaxel production by synthetic biology. Front Bioeng Biotechnol. 2020 May 13;8::410. PMID: 32528936.

Guo B, Kai G, Jin H, et al. Taxol synthesis. African J Biotechnol. 2006 Jan 2;5(1):15-20.

Wang T, Chen Y, Zhuang W, et al. Transcriptome sequencing reveals regulatory mechanisms of taxol synthesis in Taxus wallichiana var. Mairei. Int J Genomics. 2019 May 2;2019:1596895. PMID: 31192250.

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