



LKT Laboratories, Inc.

7,10,13-Trimethyl-10-Deacetyl Baccatin III

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Product Information

Product ID B004084

CAS No. 1584118-06-8

Chemical Name

Synonym 7,10,13-Trimethyl-10-DAB III, 10-Deacetyl-7,10,13-trimethyl Baccatin III, Cabazitaxel impurity 8, Cabazitaxel Trimethoxy-10-DAB-III

Formula C₃₂H₄₂O₁₀

Formula Wt. 586.68

Melting Point

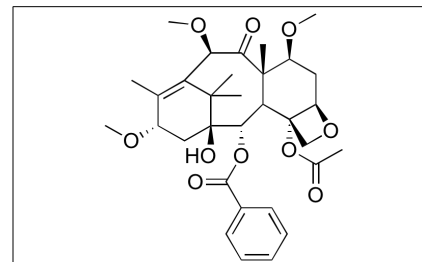
Purity ≥95%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description 7,10,13-Trimethyl-10-Deacetyl Baccatin III or 10-Deacetyl-7,10,13-trimethyl Baccatin III is a derivative of 10-Deacetyl Baccatin III. It is used in the synthesis of paclitaxel and its other anti-cancer molecules.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B004084	10 mg	\$128.00
B004084	50 mg	\$263.00
B004084	250 mg	\$1127.00
B004084	500 mg	\$1803.00

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.