LKT Laboratories, Inc.

10,13-Bissidechain Paclitaxel

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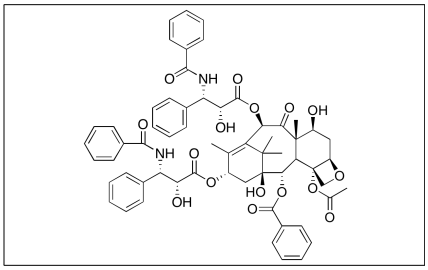
Product Information

Product ID T1008
CAS No. 2157462-42-3
Chemical Name Paclitaxel 10,13-Bis Side chain

Synonym Paclitaxel, 10,13-bissidechain; paclitaxel impurity I

Formula $C_{61}H_{62}N_2O_{16}$
Formula Wt. 1079.17
Melting Point
Purity ≥90%
Solubility

Store Temp -20°C
Ship Temp Ambient



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
T1008	1 mg	$539.80
T1008	5 mg	$1927.80
T1008	10 mg	$3175.20
T1008	25 mg	$6350.40

Description 10,13-Bissidechain Paclitaxel is an impurity of the chemotherapy drug paclitaxel. It is also known as paclitaxel impurity I.

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.

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