



Product Information

Product ID N1744

CAS No. 121032-29-9

Chemical Name (2R,3S,4R,5R)-2-(2-amino-6-methoxy-purin-9-yl)-5-(hydroxymethyl)oxolane-3,4-diol

Synonym 506U78, 506U, GW506U78, Nelzarabine

Formula C₁₁H₁₅N₅O₅

Formula Wt. 297.26

Melting Point

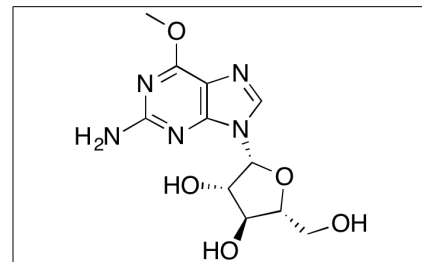
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Nelarabine is an anticancer chemotherapeutic compound used to treat T-cell malignancies such as acute lymphoblastic leukemia (ALL). Nelarabine is the prodrug of 9-β-D-arabinofuranosylguanine (ara-G), and acts as a nucleoside analog of guanosine, inhibiting DNA synthesis.



Bulk quantities available upon request

Product ID	Size
------------	------

N1744	5 mg
-------	------

N1744	10 mg
-------	-------

N1744	25 mg
-------	-------

N1744	100 mg
-------	--------

References Forcade E, Leguay T, Vey N, et al. Nelarabine for T cell acute lymphoblastic leukemia relapsing after allogeneic hematopoietic stem cell transplantation: an opportunity to improve survival. *Biol Blood Marrow Transplant.* 2013 Jul;19(7):1124-6. PMID: 23648236.

Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88. PMID: 22591387.

Roecker AM, Stockert A, Kisor DF. Nelarabine in the treatment of refractory T-cell malignancies. *Clin Med Insights Oncol.* 2010 Dec 1;4:133-41. PMID: 21151585.

Reilly KM, Kisor DF. Profile of nelarabine: use in the treatment of T-cell acute lymphoblastic leukemia. *Onco Targets Ther.* 2009 Feb 18;2:219-28. PMID: 20616909.

Buie LW, Epstein SS, Lindley CM. Nelarabine: a novel purine antimetabolite antineoplastic agent. *Clin Ther.* 2007 Sep;29(9):1887-99. PMID: 18035189.

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