

(4S,7R,8S,9S,13R,14R)-14-((S,E)-2-Amino-3-methyl-4-(2-methylthiazol-4-yl)but-3-en-1-yl)-4,8,13-trihydroxy-5,5,7,9,13-pentamethyloxacyclotetradecane-2,6-dione

Art. ID TRC-A618710-1MG

Unit 1 mg

Description

Application Notes:

(4S,7R,8S,9S,13R,14R)-14-((S,E)-2-Amino-3-methyl-4-(2-methylthiazol-4-yl)but-3-en-1-yl)-4,8,13-trihydroxy-5,5,7,9,13-pentamethyloxacyclotetradecane-2,6-dione is an impurity of ixabepilone (I941990), which is an anti-tumor agent used in the treatment of patients suffering from solid tumors, such as metastatic breast cancer. /// References: Duska, L. et al.: Gynecol. Oncol., 135, 44 (2014)| Deeken, J. et al.: Cancer Chemother. Pharmacol., 73, 1071 (2014)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(4S,7R,8S,9S,13R,14R)-1 4-((S,E)-2-Amino-3-meth yl-4-(2-methylthiazol-4 -yl)but-3-en-1-yl)-4,8, 13-trihydroxy-5,5,7,9,1 3-pentamethyloxacyclote tradecane-2,6-dione					