

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN

PACLITAXEL POLIGLUMEX

PRONUNCIATION

pak li tax' el pol ee gloo' mex

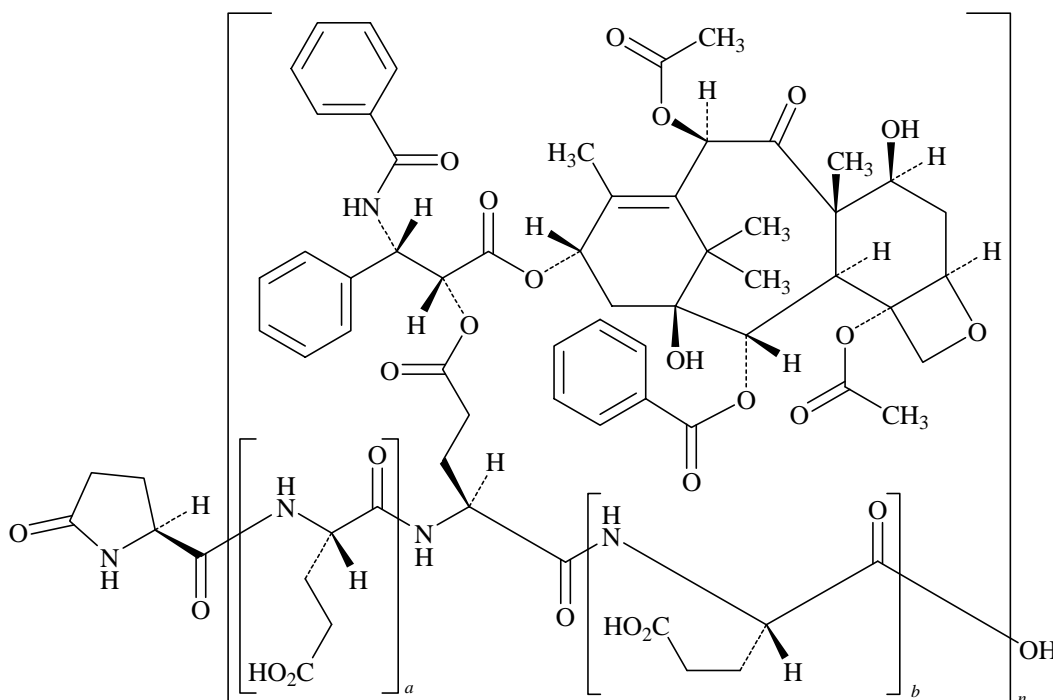
THERAPEUTIC CLAIM

Anticancer therapy as a single agent or in combination with other anticancer therapies

CHEMICAL NAMES

1. L-Glutamic acid, homopolymer, (1*R*,2*S*)-2-(benzoylamino)-1-[[[(2*aR*,4*S*,4*aS*,6*R*,9*S*,11*S*,12*S*,12*aR*,12*bS*)-6,12*b*-bis(acetyloxy)-12-(benzoyloxy)-2*a*,3,4,4*a*,5,6,9,10,11,12,12*a*,12*b*-dodecahydro-4,11-dihydroxy-4*a*,8,13,13-tetramethyl-5-oxo-7,11-methano-1*H*-cyclodeca[3,4]benzo[1,2-*b*]oxet-9-yl]oxy]carbonyl]-2-phenylethyl ester
2. L-pyroglutamylpoly-L-glutamyl-L-glutamic acid partially γ -esterified with (1*R*,2*S*)-2-(benzoylamino)-1-[[[(2*aR*,4*S*,4*aS*,6*R*,9*S*,11*S*,12*S*,12*aR*,12*bS*)-6,12*b*-bis(acetyloxy)-12-(benzoyloxy)-4,11-dihydroxy-4*a*,8,13,13-tetramethyl-5-oxo-2*a*,3,4,4*a*,5,6,9,10,11,12,12*a*,12*b*-dodecahydro-7,11-methano-1*H*-cyclodeca[3,4]benzo[1,2-*b*]oxet-9-yl]oxy]carbonyl]-2-phenylethyl
3. *N*-(L-pyroglutamyl)-[poly(L-glutamyl)]-L-glutamic acid partially γ -esterified with (2'*R*,3'*S*)-3'-benzoylamido-1'-[[[4,10 β -bis(acetoxy)-2 α -(benzoyloxy)-1,7 β -dihydroxy-9-oxo-5,20-epoxytax-11-en-13 α -yl]oxy]-1'-oxo-3'-phenylpropan-2'-ol

STRUCTURAL FORMULA



Nomenclature Statement
PACLITAXEL POLIGLUMEX
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MOLECULAR FORMULA	$(C_{52}H_{56}N_2O_{16})_n \cdot (C_5H_7NO_3)_x$
MOLECULAR WEIGHT	approximately 45,000 Daltons
TRADEMARK	Xyotax
MANUFACTURER	AMCIS for Cell Therapeutics, Inc.
CODE DESIGNATION	CT-2103
<u>CAS</u> REGISTRY NUMBER	263351-82-2