

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	TEMSIROLIMUS
PRONUNCIATION	tem'' sir oh' li mus
THERAPEUTIC CLAIM	antineoplastic (mTOR inhibitor)
CHEMICAL NAMES	

- 1) rapamycin, 42-[3-hydroxy-2-(hydroxymethyl)-2-methylpropanoate]
- 2) (3*S*,6*R*,7*E*,9*R*,10*R*,12*R*,14*S*,15*E*,17*E*,19*E*,21*S*,23*S*,26*R*,27*R*,34*aS*)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1*R*)-2-[(1*S*,3*R*,4*R*)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3*H*-pyrido[2,1-*c*][1,4]oxaazacyclohentriacontine-1,5,11,28,29(4*H*,6*H*,31*H*)-pentone 4'-[2,2-bis(hydroxymethyl)propionate]
- 3) rapamycin 42-[2,2-bis(hydroxymethyl)propionate]

STRUCTURAL FORMULA

(See page 2)

MOLECULAR FORMULA	C <sub>56</sub> H <sub>87</sub> NO <sub>16</sub>
MOLECULAR WEIGHT	1030.3
TRADEMARK	Unknown as yet
MANUFACTURER	Wyeth
CODE DESIGNATION	CCI-779
<u>CAS</u> REGISTRY NUMBER	162635-04-3

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