STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (LM-44)	PEMVIDUTIDE
PRONUNCIATION	pem" vi doo' tide
THERAPEUTIC CLAIM	Treatment of non-alcoholic steatohepatitis (NASH) and obesity

CHEMICAL NAME

L-Threoninamide, L-histidyl-2-methylalanyl-L-glutaminylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-α-aspartyl-L-tyrosyl-L-seryl-L-lysyl-L-tyrosyl-L-leucyl-L-α-aspartyl-L-α-glutamyl-N6-[1-O-(17-carboxyheptadecyl)-β-D-glucopyranuronoyl]-L-lysyl-L-alanyl-L-alanyl-L-lysyl-L-α-glutamyl-L-phenylalanyl-L-isoleucyl-L-glutaminyl-L-tryptophyl-L-leucyl-L-leucyl-L-glutaminyl-, (16→20)-lactam

STRUCTURAL FORMULA

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HXQGTFTSDY SKYLDEKAAK EFIQWLLQT      29
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Location of Post-Translational Modifications (including glycosylation profile and disulfide bridges)

Chain	Residue	Modification	Details if Appropriate
	Thr-29	Terminal modification	C-terminal amide
	Glu-16 – Lys-20	Bridge	Lactam
	Aib-2		
	Lys-17	acyl conjugation	1-O-(17-carboxyheptadecyl)-β-D-glucopyranuronic acid

MOLECULAR FORMULA	$C_{182}H_{275}N_{39}O_{54}$
MOLECULAR WEIGHT	3873.42Da
TRADEMARKS	None
SPONSOR	Altimmune, Inc.
DESIGNATION CODES	ALT-801; SP-1373; MD-1373
CAS REGISTRY NUMBER	2538014-94-5
UNII	A35F525WBG
WHO NUMBER	12002

scs