

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-12) ELAPEGADEMASE

PRONUNCIATION el" a peg ad' e mase

THERAPEUTIC CLAIM Enzyme replacement therapy

CHEMICAL NAMES

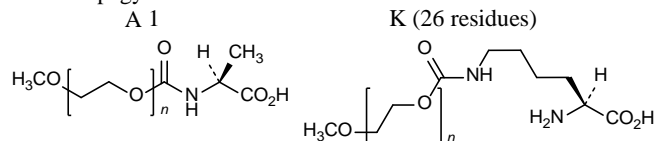
1. Poly(oxy-1,2-ethanediyl), α -carboxy- ω -methoxy-, amide with adenosine deaminase (synthetic)
2. [74-serine (C>S),245-threonine (A>T)]*Bos taurus* adenosine deaminase (bovine adenosine aminohydrolase, EC=3.5.4.4)-(1-356)-peptide produced in *Escherichia coli*, an average of 13 residues are substituted on $N^{\alpha,1}$ -alanine and N^{δ} of lysine residues with [ω -methoxypoly(oxyethylene)]carbonyl groups

STRUCTURAL FORMULA

Sequence

<u>A</u> QTPAFNKPK	VELHVHLDGA	IKPETILYYG	RKRGIALPAD	TPEELQNIIG	50
MDKPLSLPEF	LAKFDYYMPA	IAGSREAVKR	IAYEFVEMKA	KDGVVYVEVR	100
YSPHLLANSK	VEPIPWNQAE	GDLTPDEVVS	LVNQGLQEGE	RDFGVKVRSI	150
LCCMRHQPSW	SSEVVCLCKK	YREQTVVAID	LAGDETIEGS	SLFPGHVKAY	200
AEAVKSGVHR	TVHAGEVGSA	NVVKEAVDTL	KTERLGHGYH	TLEDITLYNR	250
LRQENMHFEV	CPWSSYLPGA	WKPDTHEPVV	RFKNDQVNYS	LNTDDPLIFK	300
STLDTDYQMT	KNEMGFTEEE	FKRLNINAAK	SSFLPEDEKK	ELLDLLYKAY	350
GMPSPA					356

Potential pegylated residues



MOLECULAR FORMULA $C_{1797}H_{2795}N_{477}O_{544}S_{12}$ (non-pegylated)

MOLECULAR WEIGHT 113 kDa (pegylated)

TRADEMARK None as yet

SPONSOR Leadiant Biosciences, Inc.

CODE DESIGNATIONS EZN-2279

CAS REGISTRY NUMBER 1709806-75-6

UNII 9R3D3Y0UHS

WHO NUMBER 10378

gbk