May 29, 2013

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-94)	CIMAGLERMIN ALFA
PRONUNCIATION	sye” ma gler’ min
THERAPEUTIC CLAIM	Treatment of congestive heart failure

CHEMICAL NAMES

1. Neuroglia growth factor 2 (synthetic human)

2. “Glial growth factor 2 (GGF2)”: [253-L-glutamine(R>Q)]human pro-neuregulin isoform 9 precursor-(51-422)-peptide

STRUCTURAL FORMULA

Amino acid sequence

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GNEAAPAGAS  VCYSSPPSVG  SVQELAQRAA  VVIEGKVHPQ  RRQQGALDRK   50
AAAAAGEAGA  WGGDREPPAA  GPRALGPPAE  EPLLAANGTV  PSWPTAPVPS  100
AGEPGEEAPY  LVKVHQVWAV  KAGGLKKDSL  LTVRLGTWGH  PAFPSCGRLK  150
EDSRYIFFME  PDANSTSRAP  AAFRASFPPL  ETGRNLKKEV  SRVLCKRCAL  200
PPQLKEMKSQ  ESAAGSKLVL  RCETSSEYSS  LRFKWFKNGN  ELNRKNKPQN  250
IKIQKKPGKS  ELRINKASLA  DSGEYMCKVI  SKLGNDSASA  NITIVESNAT  300
STSTTGTSHL  VKCAEKEKTF  CVNGGECFMV  KDLSNPSRYL  CKCPNEFTGD  350
RCQNYVMASF  YSTSTPFLSL  PE                                 372
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Disulfide bridges

12-146 195-198 222-277 313-327 321-341 343-352

Glycosylation sites (N)

Asn-87 Asn-164 Asn-285 Asn-291 Asn-298

MOLECULAR FORMULA	$C_{1747}H_{2770}N_{502}O_{535}S_{17}$ (unglycosylated)
MOLECULAR WEIGHT	39.91 kDa
TRADEMARK	None as yet
SPONSOR	Acorda Therapeutics
CODE DESIGNATIONS	GGF2, rhGGF2
CAS REGISTRY NUMBER	1350717-96-2
WHO NUMBER	9890

gbk