STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (KL-84)	INSULIN ICODEC
PRONUNCIATION	in sul' in eye' koe dek
THERAPEUTIC CLAIM	Treatment of diabetes

CHEMICAL NAMES

1. (1^A-21^A),(1^B-29^B)-Insulin (human), 14^A-L-glutamic acid-16^B-L-histidine-25^B-*L*-histidine-29^B-[N^6-[*N*-(19-carboxy-1-oxononadecyl)-*L*-γ-glutamyl-2-[2-(2-aminoethoxy)ethoxy]acetyl-2-[2-(2-aminoethoxy)ethoxy]acetyl]-*L*-lysine]- (Source : CAS)

2. human insulin A-chain (1-21) variant (Y>E^{14}), human insulin B-chain (1-29) variant (Y>H^{16}, F>H^{25}) conjugated at K^{29B} at its N^6 to (22S)-22,42-dicarboxy10,19,24-trioxo-3,6,12,15-tetraoxa-9,18,23- triazadotetracontan-1-oyl; $N^{6.29B}$-[(22S)-22,42-dicarboxy-10,19,24-trioxo-3,6,12,15-tetraoxa-9,18,23-triazadotetracontan-1-oyl]- [Tyr14^A>Glu, Tyr16^B>His, Phe25^B>His]-des-Thr30^B-human insulin (Source : WHO pINN list 123)

STRUCTURAL FORMULA

Alpha chain

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GIVEQCCTSI   CSLEQLENYC   N                                    21
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Beta chain

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FVNQHLCGSH   LVEALHLVCG   ERGFHYTPK                            29'
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Disulfide bridges

6^A-11^A 7^A-7^B 20^A-19^B

MOLECULAR FORMULA	$C_{280}H_{435}N_{71}O_{87}S_6$
MOLECULAR WEIGHT	6380
TRADEMARK	None as yet
SPONSOR	Novo Nordisk A/S
CODE DESIGNATIONS	NN1436, NNC0148-0287
CAS REGISTRY NUMBER	1188379-43-2
UNII	P7YU3ED05N
WHO NUMBER	11393

gbk