STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-15)	HEPCIDIN
PRONUNCIATION	hep sye' din
THERAPEUTIC CLAIM	Treatment of iron overload

CHEMICAL NAMES

1. L-Threonine, L-α-aspartyl-L-threonyl-L-histidyl-L-phenylalanyl-L-prolyl-L-isoleucyl-L-cysteinyl-L-isoleucyl-L-phenylalanyl-L-cysteinyl-L-cysteinylglycyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-arginyl-L-seryl-L-lysyl-L-cysteinylglycyl-L-methionyl-L-cysteinyl-L-cysteinyl-L-lysyl-, cyclic (7→23),(10→13),(11→19),(14→22)-tetrakis(disulfide)

2. L-α-aspartyl-L-threonyl-L-histidyl-L-phenylalanyl-L-prolyl-L-isoleucyl-L-cysteinyl-L-isoleucyl-L-phenylalanyl-L-cysteinyl-L-cysteinylglycyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-arginyl-L-seryl-L-lysyl-L-cysteinylglycyl-L-methionyl-L-cysteinyl-L-cysteinyl-L-lysyl-L-threonine, cyclic (7→23),(10→13),(11→19),(14→22)-tetrakis(disulfide)

STRUCTURAL FORMULA

Sequence

DTHFPICIFC CGCCHRSKCG MCCKT 25

S-S Bridges

7-23 10-13 11-19 14-22

MOLECULAR FORMULA	$C_{113}H_{170}N_{34}O_{31}S_9$
MOLECULAR WEIGHT	2789 Da
TRADEMARK	None as yet
SPONSOR	La Jolla Pharmaceutical Co.
CODE DESIGNATIONS	None
CAS REGISTRY NUMBER	1356390-47-0
UNII	XUH21YGS7O
WHO NUMBER	11354

gbk