

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN ANTITHROMBIN ALFA
PRONUNCIATION an" tee throm' bin al' fa
THERAPEUTIC CLAIM Anticlotting agent

CHEMICAL NAMES

1. Antithrombin (human reduced)
2. human antithrombin-III (ATIII)

STRUCTURAL FORMULA

HGSPVDICTA	KPRDIPMNPM	CIYRSPEKKA	TEDEGSEQKI	PEATNRRVWE	50
LSKANSRFAT	TFYQHLADSK	NDNDNIFLSP	LSISTAFAMT	KLGACNDTLQ	100
QLMEVFKFDT	ISEKTSDQIH	FFFAKLNCR	YRKANKSSKL	VSANRLFQDK	150
SLTFNETYQD	ISELVYGAKL	QPLDFKENAE	QSRAAINKWV	SNKTEGRITD	200
VIPSEAINEL	TVLVLVNTIY	FKGLWKSDFS	PENTRKELFY	KADGESCSAS	250
MMYQEGKFRY	RRVAEGTQVL	ELPFKGGDIT	MVLILPKPEK	SLAKVEKELT	300
PEVLQEWLDE	LEEMMLVVHM	PRFRIEDGFS	LKEQLQDMGL	VDLFSPEKSK	350
LPGIVAEGRD	DLYVSDAFHK	AFLEVNEEGS	EAAASTAVVI	AGRSLNPNRV	400
TFKANRPFLV	FIREVPLNTI	IFMGRVANPC	VK		432

Disulfide bridges location

8-128 21-95 247-430

Glycosylation sites

Asn-96 Asn-135 Asn-155 Asn-192

MOLECULAR FORMULA $C_{2191}H_{3451}N_{583}O_{656}S_{18}$

MOLECULAR WEIGHT 49.0 kDa

CODE None

TRADEMARK ATryn[®]

MANUFACTURER GTC Biotherapeutics, Inc.

CAS REGISTRY NUMBER 84720-88-7