

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-132) BENTRACIMAB

PRONUNCIATION ben trak' i mab

THERAPEUTIC CLAIM Agent for reversing the antiplatelet effects of ticagrelor

CHEMICAL NAMES

1. Immunoglobulin Fab fragment [anti-(ticagrelor/metabolite)] (human monoclonal PB2452 γ 1-chain), disulfide with human monoclonal PB2452 λ -chain
2. Immunoglobulin G1 fragment-lambda, anti-(ticagrelor/metabolite); human Fab monoclonal antibody; γ 1 heavy chain fragment (1-234) [*Homo sapiens* VH (IGHV1-69*06 (86%) –(IGHD)-IGHJ1*01) [8.8.22] (1-129) -*Homo sapiens* IGHG1*03 {CH1, hinge-(1-7)-peptide} (130-234)] (232-215')-disulfide with λ light chain (1'-216') [*Homo sapiens* V-LAMBDA (IGLV1-51*01 (95%) – IGLJ2*01 (82%))[8.3.11] (1'-110') -*Homo sapiens* IGLC2*01 (111'-216')]

STRUCTURAL FORMULA

Heavy chain (Fab fragment)

QVQLQESGAE	VKKPGSSVRV	SCKASGGTFD	SYSIHWVQA	PGQGLEWMGG	50
IIPAFGTLSS	AQDFQARVTI	SADKSTSTAY	MELSGLRSED	TAVYYCARGS	100
FDYYFWSASH	PPNDALAIWG	QGTLVTVSSA	STKGPSVFPL	APSSKSTSGG	150
TAALGCLVKD	YFPEPVTVSW	NSGALTSGVH	TFFPAVLQSSG	LYSLSSVTV	200
PSSSLGTQTY	ICNVNHKPSN	TKVDRKRVPEK	SCDK		234

Light chain

QSVVTQPPSV	SAAPGQKVTI	SCSGSNSDIG	NNYVSWYQQL	PGTAPKLLIY	50'
DNNKRPSGIP	DRFSGSKSGT	SATLAITGLQ	AGDEADYCYG	TWLYDRAVGL	100'
FGGGTKVTVL	GQPKAAPSVT	LFPPSSEELQ	ANKATLVCLI	SDFYPGAVTV	150'
AWKADSSPVK	AGVETTPSK	QSNNKYAASS	YLSLTPEQWK	SHRSYSCQVT	200'
HEGSTVEKTV	APTECS				216'

Disulfide bridges location

22'-89'	22-96	138'-197'	156-212	215'-232
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MOLECULAR FORMULA C₂₀₉₅H₃₂₄₀N₅₆₀O₆₇₄S₁₂

MOLECULAR WEIGHT 47.44 kDa

TRADEMARK None as yet

SPONSOR PhaseBio Pharmaceuticals, Inc.

CODE DESIGNATIONS MEDI2452, PB2452

CAS REGISTRY NUMBER 2260568-31-6

UNII

1TBM83QR9S

WHO NUMBER

11400

gbk