
LIST OF ABBREVIATIONS

aPTT	: Activated partial thromboplastin time
CPCSEA	: Committee for the purpose of supervision of experiments on animal
CVDs	: Cardiovascular diseases
DCM	: Dichloromethane
DIPEA	: <i>N,N</i> -Diisopropylethylamine
DMAP	: 4-Dimethylaminopyridine
DMEDA	: 1,2-Dimethylethylenediamine
DMF	: Dimethylformamide
DMSO	: Dimethyl sulfoxide
DVT	: Deep vein thrombosis
EDCI	: 1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide
FXa	: Activated factor X
HK	: High molecular weight kininogen
HOBt	: Hydroxybenzotriazole
HPLC	: High performance liquid chromatography
HTS	: High throughput screening
IAEC	: Institutional animal ethics committee
IPA	: Isopropyl alcohol
LMWHs	: Low molecular weight heparin
m.p.	: Melting point
MolSA	: Molecular surface area
ND	: Not determined
PDB	: Protein data bank
PE	: Pulmonary embolism
PEG	: Polyethylene glycol
PK	: Prekallikrein

PL	: Phospholipids
PSA	: Polar surface area
PT	: Prothrombin time
rGyr	: Radius-of-gyration
RMSD	: Root mean square deviation
RMSD-L	: Root mean-square deviation of the ligand
RMSD-P	: Root mean-square deviation of the protein
RMSF-P	: Root mean-square fluctuation of the protein
RP-HPLC	: Reverse phase high performance liquid chromatography
RT	: Room temperature
SASA	: Solvent accessible surface area
SP	: Standard precision
TAP	: Tick anticoagulant peptide
TBHP	: <i>Tert</i> -butyl hydroperoxide
TDI	: Time dependant inhibition
TF	: Tissue factor
TLC	: Thin layer chromatography
TMS	: Tetramethylsilane
UFH	: Unfractionated heparin
UV	: Ultraviolet
VKAs	: Vitamin K antagonists
XP	: Extra precision