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ABBREVIATIONS

8-Cl TIBO	=	(+)-(S)-4,5,6,7-Tetrahydro-8-chloro-5-methyl-6-(3-methyl-2-butenyl)-imiazo[4,5,1-*jk*][1,4]benzodiazepine-2(1*H*)-thione
9-Cl TIBO	=	9-chloro-4,5,6,7-tetrahydro-5-methyl-6-(3-methyl-2-butenyl)imidazo(4,5,1-jk)(1,4)benzodiazepine-2-(1H)-thione
3D-pharmacophore	=	Three-dimensional pharmacophore
3D-QSAR	=	Three-dimensional quantitative structure-activity Relationships
AIDS	=	Acquired immunodeficiency syndrome
Ala (A)	=	Alanine
AMV	=	Avian Myeloblastosis Virus
Asn (N)	=	Asparagine
Asp (D)	=	Aspartic acid
AZT	=	3'-azido-2',3'-dideoxythymidine, azidothymidine
CI	=	Configuration Interaction
Cys (C)	=	Cysteine
ddC	=	2',3'-dideoxycytidine, Zalcitabine
ddI	=	2',3'-dideoxyinosine, Didanosine
DFT	=	Density functional theory
DNA	=	Deoxyribonucleic acid
dNTP	=	Deoxyribonucleotide triphosphate
DTT	=	Dithiothreitol
Efavirenz	=	(−)6-chloro-4-cyclopropylethynyl-4-trifluoromethyl-1,4-dihydro-2*H*-3,1-benzoxazin-2-one
EMCV	=	Encephalomyocarditis virus
FDA	=	Food and Drug Administration
GA	=	Genetic algorithm
Glu (E)	=	Glutamic acid

Gly (G)	=	Glycine
HBY-097	=	(s)-4-isopropoxycarbonyl-6-methoxy-3-methylthio-methyl-3,4-dihydroquinixalin-2-(1H)-thione
His (H)	=	Histidine
HIV-1	=	human immunodeficiency virus type-1
HF	=	Hartree-Fock
Ile (I)	=	Isoleucine
LCAO	=	Linear combination of atomic orbitals
Leu (L)	=	Leucine
Lys (K)	=	Lysine
MCSCF	=	Multi-Configuration SCF
MOT	=	Molecular orbital theory
MP2	=	The second-order Møller-Plesset calculation
MPPT	=	Møller-Plesset perturbation theory
MSC-194	=	1-[2-(3-acetyl-2-hydroxy-6-methoxy-phenyl)-cyclopropyl]-3-(5-cyano-pyridin-2-yl)-thiourea
Nevirapine	=	11-cyclopropyl-5,11-dihydro-4-methyl-6H-dipyrido[3,2-b:2',3'-f][1,4]diazepin-6-one
NMR	=	Nuclear magnetic resonance
NNRTIs	=	Non-nucleoside reverse transcriptase inhibitors
NRTIs	=	Nucleoside reverse transcriptase inhibitors
p51	=	Peptide having molecular weight 51 kilodalton
p66	=	Peptide having molecular weight 66 kilodalton
PCR	=	Polymerase chain reaction
PETT	=	Phenylethylthiazolylthiourea
Phe (F)	=	Phenylalanine
PIs	=	Protease inhibitors
PNU-142721	=	6-chloro-2-(1-furo[2,3-c]pyridin-5-yl-ethylsulfanul)-pyrimidin-4-ylamine
Pro (P)	=	Proline
QM	=	Quantum mechanics

RCSB PDB	=	The research collaboratory for structural bioinformatics (RCSB), the non-profit consortium that manages the Protein Data Bank (PDB)
RNA	=	RiboNucleic Acid
RNaseH	=	Ribonuclease H
RT	=	Reverse transcriptase
S-1153	=	5-(3,5-dichlorophenyl)thio-4-isopropyl-1-(pyridin-4-yl-methyl)-1H-imidazol-2-yl-methylcarbamate
SCF	=	Self-consistent field method
Ser (S)	=	Serine
STOs	=	Slater–type orbitals
Thr (T)	=	Threonine
Trp (W)	=	Tryptophan
Tyr (Y)	=	Tyrosine
UC-781	=	N-[4-chloro-3-[(1,1-dimethylethoxy)imino]phenyl]-2-methyl-3-furan-carbothiamide
Val (V)	=	Valine