

ABBP activity-based protein profiling

ABCN 1,1'-azobis(cyclohexanecarbonitrile)

AhR arylhydrocarbon receptor

AIBN azobisisobutyronitrile

AR androgen receptor

BCR-ABL breakpoint cluster region-Abelson

BINAP (2,2'-bis(diphenylphosphino)-1,1'-binaphthyl)

BIR baculoviral IAP repeat

Boc *tert*-butyloxycarbonyl protecting group

BRD4 bromodomain-containing protein 4

BTB bric-a-brac, tramtrack, and broad complex

BTK Bruton's tyrosine kinase

CAN ceric ammonium nitrate

Cbz benzyloxycarbonyl

CDDO-Me bardoxolone methyl

CDI 1,1'-carbonyldiimidazole

CDK cyclin-dependent kinases

ciAP1/2 cellular inhibitor of apoptosis protein 1/2

click reaction azide-alkyne Huisgen cycloaddition

CLIPTAC in-cell self-assembling PROTAC

CK casein kinase

COMU [[(Z)-(1-cyano-2-ethoxy-2-oxoethylidene)amino]oxy-morpholin-4-ylmethylidene]-dimethylazanium;hexafluorophosphate

CRABP cellular retinoic acid binding protein

CRBN cereblon

DBPO dibenzoyl peroxide

DBU 1,8-diazabicyclo[5.4.0]undec-7-ene

DCAF DDB1-CUL4 associated factor

DCE 1,2-dichloroethane

DDB1 damaged DNA binding protein 1

Δ reflux temperature

DIAD diisopropyl azodicarboxylate

DIPEA *N,N*-diisopropylethylamine

DMA dimethylacetamide

DMAP 4-dimethylaminopyridine

DME dimethoxyethane

DMF dimethylformamide

DMNB 4,5-dimethoxy-2-nitro-benzyl group

DMP Dess-Martin periodinane

DMSO dimethyl sulfoxide

EDC 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide

ER estrogen receptor

ERR α estrogen-related receptor α

ER α estrogen receptor α

FEM1B Fem-1 homologue B

FKBP12 12-kDa FK506-binding protein

FLAG sequence motif DYKDDDDK

Fmoc fluorenylmethoxycarbonyl

FNIP1 folliculin-interacting protein 1

FOLR1 folate receptor α

GSPT1 G1 to S phase transition 1

HATU 1-[bis(dimethylamino)methylene]-1*H*-1,2,3-triazolo[4,5-*b*]pyridinium 3-oxid hexafluorophosphate

HBA hydrogen bond acceptor

HBD hydrogen bond donor

HDAC histone deacetylase

HIF1 α hypoxia-inducible factor 1 α

HOAt 1-hydroxy-7-azabenzotriazole

HOBt hydroxybenzotriazole

HPLC high-performance liquid chromatography

IAP inhibitor of apoptosis protein

IKZF1/2/3 family zinc finger protein-1/2/3

IMiDs immunomodulatory imide drugs

IRAK interleukin-1 receptor-associated kinase 4

ITE methyl 2-(1*H*-indole-3-carbonyl)thiazole-4-carboxylate

JAK Janus kinase

KEAP1 Kelch-like ECH-associated protein-1

L3MBTL3 Lethal(3)malignant brain tumor-like protein 3

LHS left-hand side

MDM2 mouse double minute 2 homologue

MTBE methyl *tert*-butyl ether

NBS *N*-bromosuccinimide

NF- κ B nuclear factor kappa B

NMM *N*-methylmorpholine

NMP *N*-methyl-2-pyrrolidone

NRF2 nuclear factor erythroid 2-related factor 2

Pd palladium

PD pharmacodynamic

PEPPSI pyridine-enhanced precatalyst preparation stabilization and initiation

PG photovleavable group

PHOTAC photochemically targeting chimaera

PK pharmacokinetic

PMB *p*-methoxybenzyl

POI protein of interest

p-PROTAC peptide PROTAC

PROTAC proteolysis-targeting chimera

RBM39 RNA binding motif protein 39

Rbx-1 Ring-Box protein 1

RHS right-hand side

RING really interesting new gene

RIP1 receptor interacting protein kinase 1

RIPK2 receptor interacting serine/threonine kinase 2

RNF RING finger protein

RT room temperature

SAR structure–activity relationship

SFC supercritical fluid chromatography

SMAC second mitochondria-derived activator of caspases

S_NAr nucleophilic aromatic substitution

SNIPER specific and nongenetic IAP-dependent protein eraser

STAB sodium triacetoxymethylborohydride

SUMO small ubiquitin-like modifier

T3P propanephosphonic acid anhydride

TBAF tetrabutylammonium fluoride

TBAI tetrabutylammonium iodide

TBDMS *tert*-butyldimethylsilyl

TBTA tris((1-benzyl-4-triazolyl)methyl)amine

TBTU dicyclohexyl[2',4',6'-tris(propan-2-yl)[1,1'-biphenyl]-2-yl]phosphane

TEMPO (2,2,6,6-tetramethylpiperidin-1-yl)oxyl or (2,2,6,6-tetramethylpiperidin-1-yl)oxidanyl

TFA trifluoroacetic acid

THF tetrahydrofuran

TIPS triisopropyl silane

TNF tumour necrosis factor

TPD targeted protein degradation

TPP triphenylphosphine

TPPO triphenylphosphine oxide

TPSA topological polar surface area

UPS ubiquitin-proteasome system

UV ultraviolet

VHL von Hippel-Lindau

XIAP X-chromosome-linked inhibitor of apoptosis protein

XPhos dicyclohexyl[2',4',6'-tris(propan-2-yl)[1,1'-biphenyl]-2-yl]phosphane