

ABBREVIATION

Ac	acetyl	dd	Doublet of a doublet
AIP	Aminoimidazo[1,2- <i>a</i>]pyridine	ERG	electron releasing group
AQ	amino quinoline	EWG	electron withdrawing group
BIAN	bis(imino)acenaphthene	Equiv	equivalent
Bu	butyl	Et	ethyl
BINAP	2,2'-bis(diphenylphosphino)-1,1'-binaphthyl	HFIP	Hexafluoroisopropanol
BHT	Butylated hydroxytoluene	HIV	Human immunodeficiency virus
Cbz	carboxybenzyl	IAd	1,3-di(adamantyl)imidazol-2-ylidene
CAACs	cyclic (alkyl) (amino)carbenes	IPr	1,3-bis(2,6-diisopropylphenyl)imidazol-2-ylidene
Cy	cyclohexyl	IMe	1,3-di(methyl)imidazol-2-ylidene
dba	dibenzylideneacetone	<i>i</i> Pr	isopropyl
dppf	1,1'-bis(diphenylphosphino)ferrocene	IPA	isopropyl alcohol
DCE	1,2-Dichloroethene	KIE	Kinetic Isotope effect
DACs	N,N'-diamidocarbenes	L	ligand
DMA	Dimethylacetamide	LiHMDS	Lithium bis(trimethylsilyl)amide
Dmba	dimethylbenzylamine	MHz	Mega Hertz
DMF	dimethylformamide	Me	methyl
DMSO	Dimethyl sulfoxide	m	multiplet
DG	Directing group	NHC	N-heterocyclic carbene
d	Doublet		

Pd	palladium	TM	transmetalation
Piv	Pivaloyl	Tf	triflate
Ph	phenyl	TFA	Trifluoroacetic acid
RE	reductive elimination	Ts	tosylate
s	Singlet	TON	Turnover number
THF	tetrahydrofuran	VOSs	volatile organic solvents
TLC	Thin Layer Chromatography	XPhos	xantphos