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Nickel N-heterocyclic carbene complexes in homogeneous catalysis

Berding, J.

Citation

Berding, J. (2009, October 8). *Nickel N-heterocyclic carbene complexes in homogeneous catalysis*. Retrieved from <https://hdl.handle.net/1887/14048>

Version: Corrected Publisher's Version

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List of abbreviations

Acac	Acetylacetonate
Bim	Benzimidazole
Bn	Benzyl
Bu	Butyl
COD	1,4-Cyclooctadiene
COSY	Correlation spectroscopy
COSMO	Conductor-like screening model
Cp	Cyclopentadienyl
Cy	Cyclohexyl
d	Doublet (in NMR) or days
DCM	Dichloromethane
DFT	Density functional theory
DMF	N,N-Dimethylformamide
DMSO	Dimethylsulfoxide
Et	Ethyl
ESI	Electrospray ionization
FT	Fourier transform
GC	Gas chromatography
GPC	Gel permeation chromatography
Im	Imidazole
IMes	1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene
IPr	1,3-Bis(2,6-diisopropylphenyl)imidazol-2-ylidene
IR	Infra red
MAO	Methylaluminoxane
Me	Methyl
MS	Mass spectroscopy
n.d.	Not determined
NHC	N-heterocyclic carbene
NMR	Nuclear magnetic resonance
OMs	Methylsulfonate (mesylate)
OTf	Trifluoromethylsulfonate (triflate)
OTos	p-Toluenesulfonate (tosylate)
Ph	Phenyl
Pr	Propyl
Py	Pyridine
q	Quartet
RT	Room temperature
s	Singlet
SIMes	1,3-Bis(2,4,6-trimethylphenyl)imidazolin-2-ylidene
t	Triplet
THF	Tetrahydrofuran
TMS	Tetramethylsilane
Xy	Xylyl