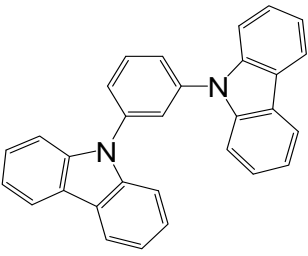
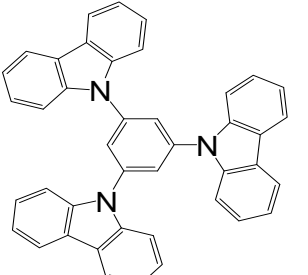
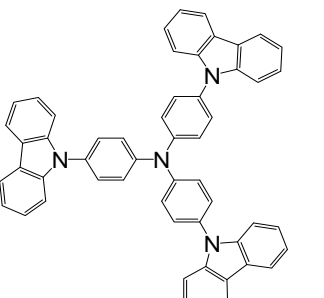
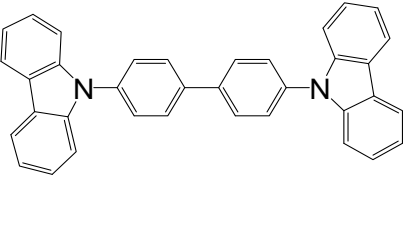
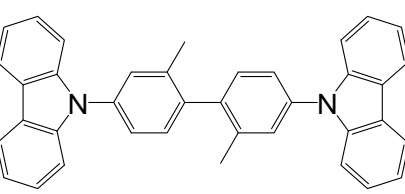
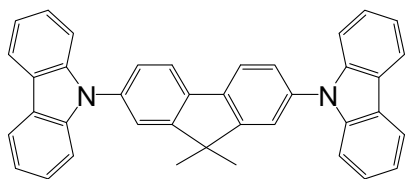
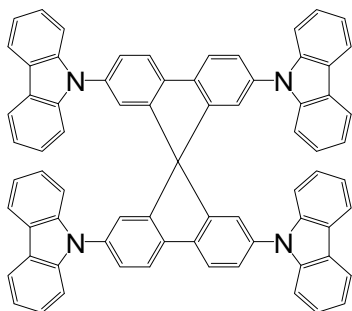


Phosphorescent Host Materials

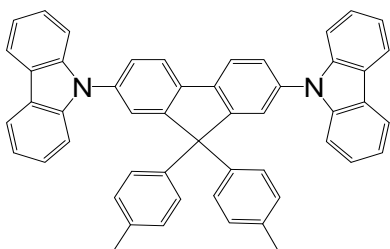
LT-E107	MCP	1,3-Bis(carbazol-9-yl)benzene Formula : $C_{30}H_{20}N_2$ Molecular Weight : 408.49 g/mole Thermal Gravimetric Analysis : 270°C (0.5% weight loss) Absorption : 292, 338nm (in THF) Photoluminescence : 345, 360nm (in THF)
		
LT-E108	TCP	1,3,5-Tris(carbazol-9-yl)benzene Formula : $C_{42}H_{27}N_3$ Molecular Weight : 573.68 g/mole Glass Transition Temperature : 125°C Thermal Gravimetric Analysis : 340°C (0.5% weight loss) Absorption : 292, 337nm (in THF) Photoluminescence : 343, 358nm (in THF)
		
LT-E207	TcTa	4,4',4'' -Tris(carbazol-9-yl)triphenylamine Formula : $C_{54}H_{36}N_4$ Molecular Weight : 740.89 g/mole Thermal Gravimetric Analysis : 440°C (0.5% weight loss) Absorption : 293, 326nm (in THF) Photoluminescence : 385nm (in THF)
		
LT-E409	CBP	4,4'-Bis(carbazol-9-yl)biphenyl Formula : $C_{36}H_{24}N_2$ Molecular Weight : 484.59 g/mole Thermal Gravimetric Analysis : 350°C (0.5% weight loss) Absorption : 292, 318nm (in THF) Photoluminescence : 369nm (in THF)
		
LT-E414	CDBP	4,4'-Bis(carbazol-9-yl)-2,2'-dimethylbiphenyl Formula : $C_{38}H_{28}N_2$ Molecular Weight : 512.64 g/mole Glass Transition Temperature : 111°C Thermal Gravimetric Analysis : 310°C (0.5% weight loss) Absorption : 292, 340nm (in THF) Photoluminescence : 349, 364nm (in THF)
		

LT-N415**DMFL-CBP****2,7-Bis(carbazol-9-yl)-9,9-dimethylfluorene**

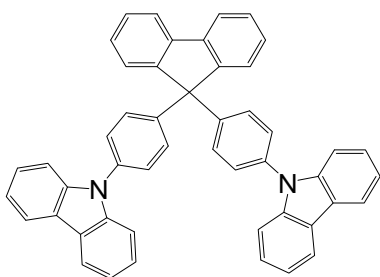
Formula : $C_{39}H_{28}N_2$
 Molecular Weight : 524.65 g/mole
 Glass Transition Temperature : 131°C
 Thermal Gravimetric Analysis : 360°C (0.5% weight loss)
 Absorption : 293, 341nm (in THF)
 Photoluminescence : 363nm (in THF)

LT-N416**Spiro-CBP****2,2',7,7'-Tetrakis(carbazol-9-yl)-9,9-spirobifluorene**

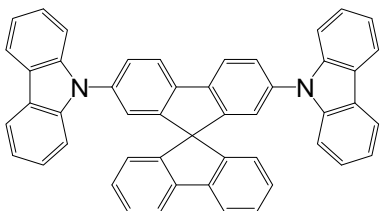
Formula : $C_{73}H_{44}N_4$
 Molecular Weight : 977.16 g/mole
 Thermal Gravimetric Analysis : 510°C (0.5% weight loss)
 Absorption : 292, 342nm (in THF)
 Photoluminescence : 370nm (in THF)

LT-N418**DPFL-CBP****2,7-Bis(carbazol-9-yl)-9,9-ditolylfluorene**

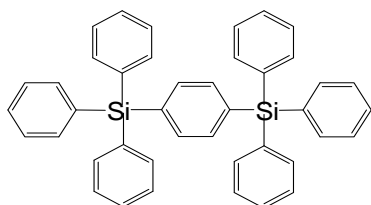
Formula : $C_{51}H_{36}N_2$
 Molecular Weight : 676.84 g/mole
 Thermal Gravimetric Analysis : 360°C (0.5% weight loss)
 Absorption : 293, 344nm (in THF)
 Photoluminescence : 367nm (in THF)

LT-N419**FL-2CBP****9,9-Bis[4-(carbazol-9-yl)-phenyl]fluorene**

Formula : $C_{49}H_{32}N_2$
 Molecular Weight : 648.79 g/mole
 Thermal Gravimetric Analysis : 400°C (0.5% weight loss)
 Absorption : 292, 340nm (in THF)
 Photoluminescence : 349, 364nm (in THF)

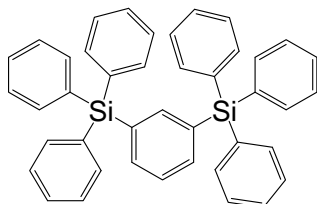
LT-N420**Spiro-2CBP****2,7-Bis(carbazol-9-yl)-9,9-spirobifluorene**

Formula : $C_{49}H_{30}N_2$
 Molecular Weight : 648.78 g/mole
 Glass Transition Temperature : 174°C
 Thermal Gravimetric Analysis : 390°C (0.5% weight loss)
 Absorption : 293, 343nm (in THF)
 Photoluminescence : 367nm (in THF)

LT-N448**UGH2****1,4-Bis(triphenylsilyl)benzene**

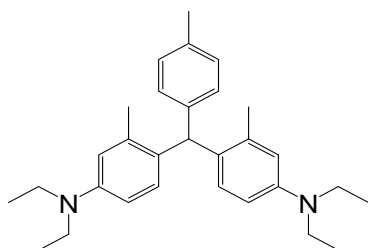
Formula : $C_{42}H_{34}Si_2$
 Molecular Weight : 594.89 g/mole
 Thermal Gravimetric Analysis : 300°C (0.5% weight loss)
 Absorption : 265nm (in CH_2Cl_2)
 Photoluminescence : 296nm (in CH_2Cl_2)

Reference: 1.Chem. Mater., 2004, 16, 4743-4747
 2.Appl. Phys. Lett. 86, 263502 (2005)

LT-N449**UGH3****1,3-Bis(triphenylsilyl)benzene**

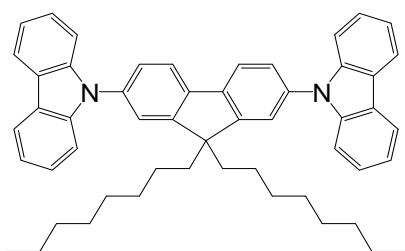
Formula : $C_{42}H_{34}Si_2$
 Molecular Weight : 594.89 g/mole
 Thermal Gravimetric Analysis : 290°C (0.5% weight loss)
 Absorption : 265nm (in THF)
 Photoluminescence : 301, 418nm (in THF)

Reference: Chem. Mater. 2004, 16, 4743-4747

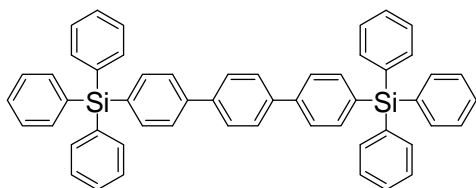
LT-N450**MPMP****BIS(4-N,N-diethylamino-2-methylphenyl)-4-methylphenylmethane**

Formula : $C_{30}H_{40}N_2$
 Molecular Weight : 428.65 g/mole
 Thermal Gravimetric Analysis : 210°C (0.5% weight loss)
 Absorption : 272, 309nm (in THF)
 Photoluminescence : 349nm (in THF)

Reference : 1.Appl. Phys. Lett. Vol. 85, No. 21, 22 November 2004
 2.Appl. Phys. Lett. 87, 193501 (2005)

LT-N451**DOFL-CBP****2,7-Bis(carbazol-9-yl)-9,9-dioctylfluorene**

Formula : $C_{53}H_{56}N_2$
 Molecular Weight : 721.03 g/mole
 Thermal Gravimetric Analysis : 340°C (0.5% weight loss)
 Absorption : 292, 340nm (in THF)
 Photoluminescence : 362nm (in THF)

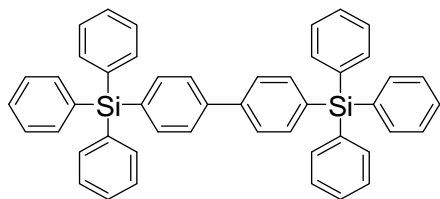
LT-N482**BST****4,4''-di(triphenylsilyl)-p-terphenyl**

Formula : $C_{54}H_{42}Si_2$
 Molecular Weight : 747.08 g/mole
 Glass Transition Temperature : 113°C
 Thermal Gravimetric Analysis : 390°C (0.5% weight loss)
 Absorption : 296nm (in CH_2Cl_2)
 Photoluminescence : 358nm (in CH_2Cl_2)

Reference : Adv. Funct. Mater. 2008, 18, 485

LT-N483

BSB

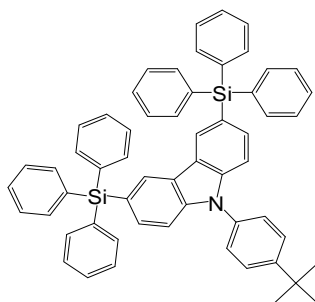
4,4'-di(triphenylsilyl)-biphenyl

Formula	: $C_{48}H_{38}Si_2$
Molecular Weight	: 670.99 g/mole
CAS No.	: 18826-13-6
Glass Transition Temperature	: 100°C
Thermal Gravimetric Analysis	: 350°C (0.5% weight loss)
Absorption	: 271nm (in CH_2Cl_2)
Photoluminescence	: 324nm (in CH_2Cl_2)

Reference : *Adv. Funct. Mater.* 2008, 18, 485

LT-N484

CzSi

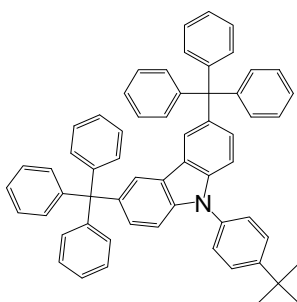
9-(4-tert-butylphenyl)-3,6-bis(triphenylsilyl)-9H-carbazole

Formula	: $C_{58}H_{49}NSi_2$
Molecular Weight	: 816.19 g/mole
CAS No.	: 898546-82-2
Glass Transition Temperature	: 131°C
Thermal Gravimetric Analysis	: 350°C (0.5% weight loss)
Absorption	: 275, 301nm (in CH_2Cl_2)
Photoluminescence	: 354nm (in CH_2Cl_2)

Reference : *Adv. Mater.* 2006, 18, 1216

LT-N485

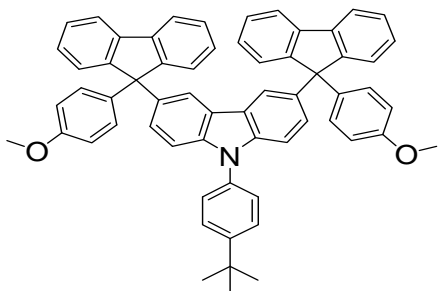
CzC

9-(4-tert-butylphenyl)-3,6-ditryl-9H-carbazole

Formula	: $C_{60}H_{49}N$
Molecular Weight	: 784.04 g/mole
Glass Transition Temperature	: 167°C
Thermal Gravimetric Analysis	: 360°C (0.5% weight loss)
Absorption	: 277, 305nm (in CH_2Cl_2)
Photoluminescence	: 369nm (in CH_2Cl_2)

LT-N486

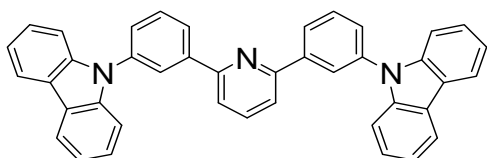
DFC

9-(4-tert-butylphenyl)-3,6-bis(9-(4-methoxyphenyl)-9H-fluoren-9-yl)-9H-carbazole

Formula	: $C_{62}H_{49}NO_2$
Molecular Weight	: 840.06 g/mole
CAS No.	: 871018-07-4
Glass Transition Temperature	: 180°C
Thermal Gravimetric Analysis	: 430°C (0.5% weight loss)
Absorption	: 341, 355nm (in CH_2Cl_2)
Photoluminescence	: 366nm (in CH_2Cl_2)

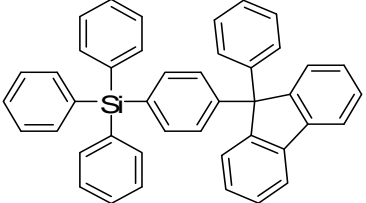
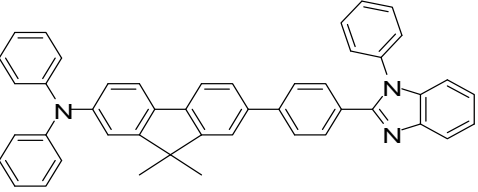
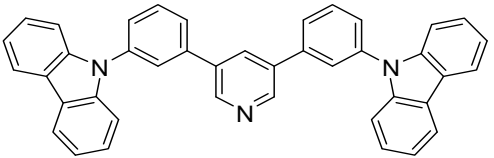
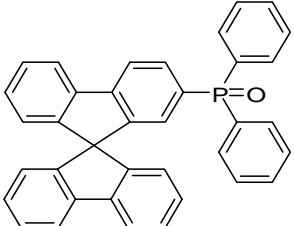
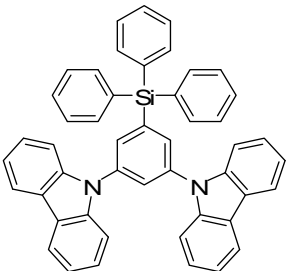
LT-N491

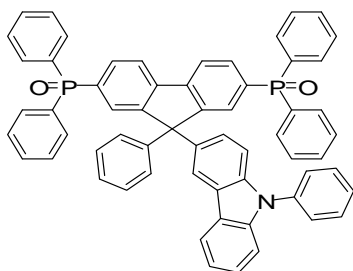
26DCzPPy

2,6-bis(3-(9H-carbazol-9-yl)phenyl)pyridine

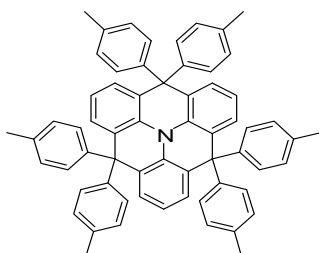
Formula	: $C_{41}H_{27}N_3$
Molecular Weight	: 561.67 g/mole
Thermal Gravimetric Analysis	: 400°C (0.5% weight loss)
Absorption	: 239, 292nm (in CH_2Cl_2)
Photoluminescence	: 410nm (in CH_2Cl_2)

Reference : *Chem. Mater.* 2008, 20, 1691–1693

LT-N492	TPSiF	triphenyl(4-(9-phenyl-9H-fluoren-9-yl)phenyl)silane
New		Formula : $C_{43}H_{32}Si$
		Molecular Weight : 576.80 g/mole
		Reference : <i>J. Mater. Chem.</i> , 2007, 17, 1692–1698
		
LT-N493	DPFLPBi	9,9-dimethyl-N,N-diphenyl-7-(4-(1-phenyl-1H-benzo[d]imidazol-2-yl)phenyl)-9H-fluoren-2-amine
New		Formula : $C_{46}H_{35}N_3$
		Molecular Weight : 629.79 g/mole
		Thermal Gravimetric Analysis : 104°C (0.5% weight loss)
		Absorption : 370 nm (in EA)
		Photoluminescence : 428 nm (in Toluene)
		
LT-N494	3,5DCzPPy	3,5-bis(3-(9H-carbazol-9-yl)phenyl)pyridine
New		Formula : $C_{41}H_{27}N_3$
		Molecular Weight : 561.67 g/mole
		Thermal Gravimetric Analysis : 328°C (0.5% weight loss)
		Absorption : 307.317nm (in CH_2Cl_2)
		Photoluminescence : 347nm (in CH_2Cl_2)
		Reference : <i>Chem. Mater.</i> 2008, 20, 1691–1693
		
LT-N496	SPPO1	9,9-spirobifluoren-2-yl-diphenyl-phosphine oxide
New		Formula : $C_{37}H_{25}OP$
		Molecular Weight : 516.57 g/mole
		Thermal Gravimetric Analysis : 328°C (0.5% weight loss)
		Absorption : 307, 317nm (in CH_2Cl_2)
		Photoluminescence : 346 nm (in CH_2Cl_2)
		Reference : <i>Appl. Phys. Lett.</i> 94, 013301 2009
		
LT-N497	SimCP	9,9'-(5-(triphenylsilyl)-1,3-phenylene)bis(9H-carbazole)
New		Formula : $C_{48}H_{34}N_2Si$
		Molecular Weight : 666.88 g/mole
		Absorption : 293,312,345nm (in THF)
		Photoluminescence : 446nm (in THF)
		Reference : <i>Adv. Mater.</i> , 17, 285, 2005
		

LT-N498**PCF****New****3-(2,7-bis(diphenylphosphoryl)-9-phenyl-9H-fluoren-9-yl)-9-phenyl-9H-carbazole**Formula : $C_{61}H_{43}NO_2P_2$

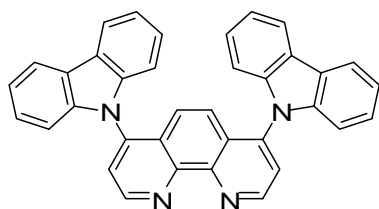
Molecular Weight : 883.95 g/mole

Reference : *Chem. Mater.* 2009, 21, 1017–1022**LT-N499****FATPA****New****4,4,8,8,12,12-Hexa-p-tolyl-4H-8H-12H-12C-Aza-dibenzo[cd,mn]pyrene**Formula : $C_{63}H_{51}N$

Molecular Weight : 822.09 g/mole

Absorption : 311nm (in toluene)

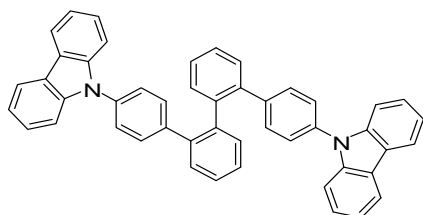
Photoluminescence : 375nm (in toluene)

Reference : *Org. Lett.*, Vol. 11, No. 7, 2009, 1503-1506**LT-N4001****BUPH1****New****4,7-di(9H-carbazol-9-yl)-1,10-phenanthroline**Formula : $C_{36}H_{22}N_4$

Molecular Weight : 510.59 g/mole

Absorption : 280,335,364nm (in THF)

Photoluminescence : 425nm (in THF)

Reference : *Adv. Mater.* 2009, 21, 688–692**LT-N4002****BCBP****New****2,2'-bis(4-(carbazol-9-yl)phenyl)-biphenyl**Formula : $C_{48}H_{32}N_2$

Molecular Weight : 636.78 g/mole

Reference : *Adv. Mater.* 2009, 21, 1271–1274