Search Overview

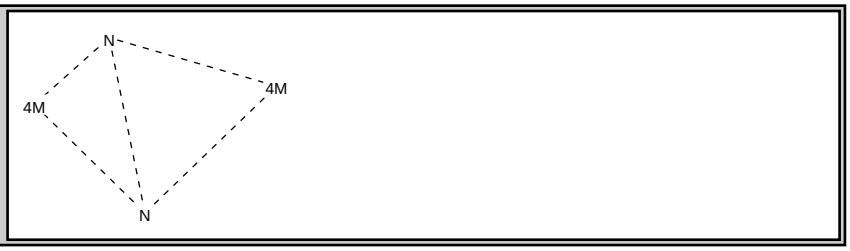
Search:	search1
Date/Time done:	Wed Jan 7 16:36:58 2009
Database(s):	CSD version 5.30 (November 2008) CSD version 5.30 updates (Nov 2008)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	56

Single query used. Search found structures that:

match

Query 1

Query 1



ADOPOZ

Reference: W.H.Monillas, G.P.A.Yap, L.A.MacAdams, K.H.Theopold (2007) *J.Am.Chem.Soc.* ,**129**,8090

Formula: $C_{58}H_{82}Cr_2N_6,2(C_5H_{12})$

Compound Name: (μ_2-η^2,η^2-Dinitrogen)-bis(N,N'-bis(2,6-diisopropylphenyl)pent-2-en-2-amido-4-imido)-di-chromium pentane solvate

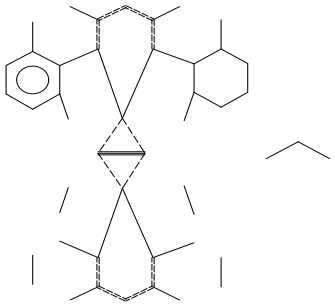
Space Group:	C2/m	***Cell:***	***a***	16.526(3)	***b*** 19.362(4)	***c***	13.161(3)
Space Group No.:	12	***(Å,°)***	α	90.00	β 126.41(0)	γ	90.00

R-Factor (%): 4.96 ***Temperature(K):*** 200 ***Density(g/cm^3):*** 1.089

Parameters

Fragment 1

DIST1 (D) 1.249



Search: search1 (Wed Jan 7 16:36:58 2009): Hits 41-48

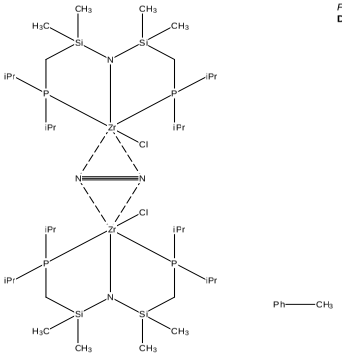
SIMMEG10

Reference: M.D.Fryzuk, T.S.Haddad, M.Mylvaganam, D.H.McConville, S.J.Rettig (1993) *J.Am.Chem.Soc.* ,**115,**2782

Formula: $C_{36}H_{88}Cl_2N_4P_4Si_4Zr_2,C_7H_8$

Compound Name: (μ_2-η^2,η^2-Dinitrogen)-bis(({chloro)-bis(3-(di-isopropylphosphino)-1-(dimethylsilyl)-methyl)amino)-di-zirconium toluene solvate

Space Group:	P21/c	***Cell:***	***a*** 14.103(3)	***b*** 16.233(3)	***c*** 14.678(3)		
Space Group No.:	14	***(Å,°)***	α 90.00	β 114.24(1)	γ 90.00		
R-Factor (%):	4.00	***Temperature(K):***	295	***Density(g/cm³):***	1.256		



Parameters

Fragment 1

DIST1 (D) 1.549

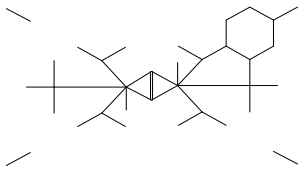
SINZUL

Reference: E.A.MacLachlan, F.M.Hess, B.O.Patrick, M.D.Fryzuk (2007) *J.Am.Chem.Soc.* ,**129,**10895

Formula: $C_{86}H_{88}N_8P_2Zr_2$

Compound Name: (μ_2-Dinitrogen)-(bis(2-(mesitylamido)-5-methylphenyl)-phenylphosphido)-bis(pyridine)-di-zirconium unknown solvate

Space Group:	P21/n	***Cell:***	***a*** 19.640(0)	***b*** 19.750(0)	***c*** 27.076(1)		
Space Group No.:	14	***(Å,°)***	α 90.00	β 91.79(0)	γ 90.00		
R-Factor (%):	5.61	***Temperature(K):***	173	***Density(g/cm³):***	1.403		



Parameters

Fragment 1

DIST1 (D) 1.481