

Search Overview

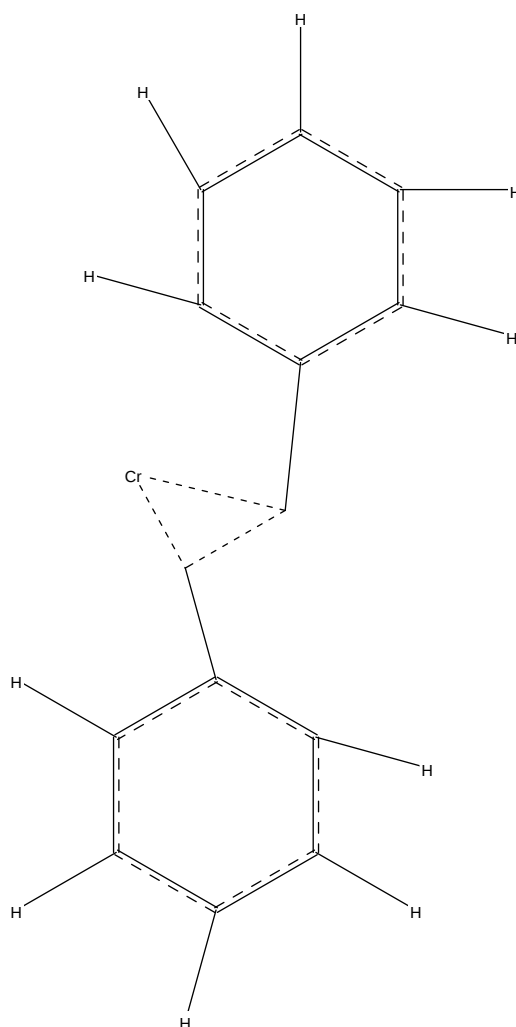
Search:	search4
Date/Time done:	Mon Mar 30 16:30:25 2009
Database(s):	CSD version 5.30 (November 2008) CSD version 5.30 updates (Nov 2008) CSD version 5.30 updates (Feb 2009)
Restriction Info:	No refcode restrictions applied
Filters:	None
Percentage Completed:	100%
Number of Hits:	10

Single query used. Search found structures that:

match

Query 1

Query 1



Search: search4 (Mon Mar 30 16:30:25 2009): Hits 1-4

DATBAB

Reference: D.J.Wink, J.R.Fox, N.J.Cooper (1985) *J.Am.Chem.Soc.* ,
107,5012

Formula: C₆₈ H₆₂ Cr₁ K₁ O₉

Compound Name: ((μ₂-Carbonyl)-carbonyl-(η²-diphenylacetylene)-(η⁴-
tetraphenylcyclobutadiene)-chromium)-(dibenzo-18-crown-6)-
tetrahydrofuran-potassium

Space Group: P2₁/n **Cell:** **a** 14.711(4) **b** 26.357(6) **c** 15.417(3)
Space Group No.: 14 **(Å,°)** α 90.00 β 96.96(2) γ 90.00

R-Factor (%): 6.30 **Temperature(K)**: 295 **Density(g/cm³)**: 1.247

Parameters

Fragment 1
ANG2 (A) 146.168

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Search: search4 (Mon Mar 30 16:30:25 2009): Hits 9-10

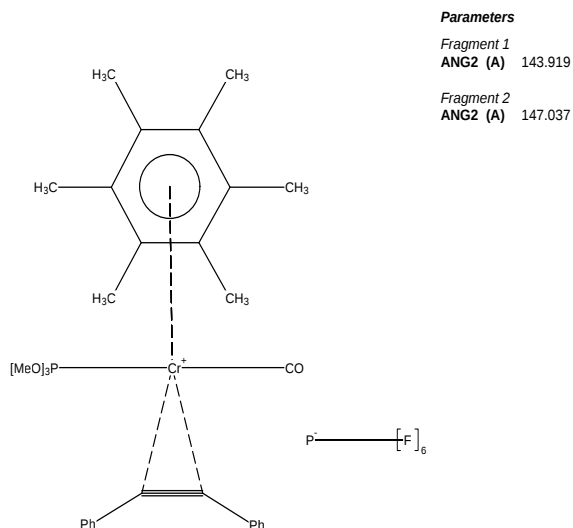
WUGPUJ

Reference: C.J.Adams, I.M.Bartlett, N.G.Connelly, D.J.Harding, O.D.Hayward, A.J.Martin, A.G.Orpen, M.J.Quayle, P.H.Rieger (2002) *J.Chem.Soc.,Dalton Trans.*, 4281

Formula: $C_{30}H_{37}Cr_1O_4P_1^{1+}F_6P_1^{1-}$

Compound Name: (η^6 -Hexamethylbenzene)-(η^2 -1,2-diphenylacetylene)-carbonyl-(trimethylphosphite-P)-chromium hexafluorophosphate

Space Group: Pbcu **Cell:** a 16.993(4) b 26.514(6) c 28.425(8)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00
R-Factor (%): 6.43 **Temperature(K):** 173 **Density(g/cm³):** 1.431



ZOVTIN

Reference: A.A.Danopoulos, G.Wilkinson, T.K.N.Sweet, M.B.Hursthouse (1996) *J.Chem.Soc.,Dalton Trans.*, 271

Formula: $C_{36}H_{42}Cr_1N_1$

Compound Name: (η^5 -Pentamethyl-cyclopentadienyl)-(η^2 -1,2-diphenylacetylene)-(2,6-di-isopropylimido)-chromium

Space Group: P21212 **Cell:** a 14.140(4) b 20.442(5) c 10.412(3)
Space Group No.: 18 **(Å, °)** α 90.00 β 90.00 γ 90.00
R-Factor (%): 3.95 **Temperature(K):** 150 **Density(g/cm³):** 1.193

