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Unprecedented reactivity of an aluminium hydride complex with ArNH_2BH_3

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R.H. Blessing, Acta Cryst. (1995) A51 33-38
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C5 C 0.1448(4) 0.6033(3) 0.4058(2) 0.0300(8) Uani 1 1 d . . .
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C7 C 0.5583(4) 0.2012(3) 0.20293(18) 0.0229(7) Uani 1 1 d . . .
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C11 C 0.7419(4) 0.1009(3) 0.30160(18) 0.0213(6) Uani 1 1 d . . .
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C21 C 0.3253(5) 0.9096(3) 0.2136(2) 0.0328(8) Uani 1 1 d . . .
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H22 H 0.2237 0.8627 0.1408 0.038 Uiso 1 1 calc R . .
C23 C 0.3035(4) 0.7143(3) 0.21929(18) 0.0232(7) Uani 1 1 d . . .
C24 C 0.4971(4) 0.7140(3) 0.39035(19) 0.0258(7) Uani 1 1 d . . .
H24 H 0.5094 0.6277 0.4101 0.031 Uiso 1 1 calc R . .
C25 C 0.6722(5) 0.7305(4) 0.3805(2) 0.0357(9) Uani 1 1 d . . .
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H25B H 0.7185 0.7012 0.4282 0.054 Uiso 1 1 calc R . .
H25C H 0.6614 0.8154 0.3637 0.054 Uiso 1 1 calc R . .
C26 C 0.3773(5) 0.7869(4) 0.4482(2) 0.0389(9) Uani 1 1 d . . .
H26A H 0.3699 0.8712 0.4312 0.058 Uiso 1 1 calc R . .
H26B H 0.4219 0.7571 0.4963 0.058 Uiso 1 1 calc R . .
H26C H 0.2639 0.7787 0.4539 0.058 Uiso 1 1 calc R . .
C27 C 0.2430(5) 0.6343(3) 0.1869(2) 0.0288(8) Uani 1 1 d . . .
H27 H 0.3029 0.5497 0.2088 0.035 Uiso 1 1 calc R . .
C28 C 0.0533(6) 0.6553(5) 0.2094(3) 0.0515(12) Uani 1 1 d . . .
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C29 C 0.2871(7) 0.6491(5) 0.1027(3) 0.0532(12) Uani 1 1 d . . .
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H29C H 0.4087 0.6394 0.0891 0.080 Uiso 1 1 calc R . .
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N2 N 0.4124(3) 0.5474(2) 0.31995(14) 0.0187(5) Uani 1 1 d . . .
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C31 0.092(5) 0.057(4) 0.107(5) 0.015(4) -0.066(4) -0.036(4)
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C35 0.064(4) 0.103(6) 0.089(5) -0.059(4) -0.046(4) 0.037(4)
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are estimated using the full covariance matrix. The cell esds are taken
into account individually in the estimation of esds in distances, angles
and torsion angles; correlations between esds in cell parameters are only
used when they are defined by crystal symmetry. An approximate (isotropic)
treatment of cell esds is used for estimating esds involving l.s. planes.
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 C28 H28B 0.9800 . ?
 C28 H28C 0.9800 . ?
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 C29 H29B 0.9800 . ?
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N2 C4 C5 121.0(3) . . ?
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H5B C5 H5C 109.5 . . ?
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 H29A C29 H29C 109.5 . . ?
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 C2 N1 A11 119.0(2) . . ?
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