

**Table 7. Calculated bond lengths (Å) and angles (°) for [Rh(PR<sub>3</sub>)(Binor-S)]<sup>+</sup> [R = <sup>i</sup>Pr (1), R = Cy (2); R = H (4)] and the intermediate 4-Intd**

	<b>1</b>	<b>2</b>	<b>4</b>	<b>4-Intd</b>
Rh...C(21) / Rh...C(25) / Å	2.418 / 2.416	2.328 / 2.321	2.226 / 2.227	2.050 / 2.043
Rh-C(11) / Rh-C(15) / Å	2.056 / 2.056	2.021 / 2.019	2.029 / 2.029	2.054 / 2.063
Rh- <i>HC</i> <sub>agostic</sub> / Å	2.61	2.67 / 2.51	-	-
Rh- <i>HC</i> <sub>agostic</sub> / Å	3.218	2.979 / 3.253	-	-
C(11)-Rh-C(15) / °	65.9	66.4	66.4	63.6
Rh-P / Å	2.351	2.234	2.219	2.442
P-Rh-C(15)	98.5	98.5	90.1	135.5
P-Rh-C(13)-C(16)	-1.2	0.2	-0.4	56.0
C(11)...C(15) / Å	2.236	2.212	2.222	2.169
C(21)-C(25)	1.614	1.607	1.643	2.168
C(21)-C(26)-C(25) / °	64.6	64.7	66.3	90.9
C(21)-C(26)	1.512	1.501	1.502	1.513
C(26)-C(25)	1.512	1.503	1.502	1.529