Supporting Information for publication

Vinylsilanes in Highly Diastereo- and Regio-selective Synthesis of Dihydropyrans

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![HRMS spectrum of 1a](image)

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![HRMS spectrum of 1b](image)

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**Figure S49** The crystal parameters of compound 5h

| Parameter                        | Value          |
|----------------------------------|----------------|
| Formula                          | C_{11}H_{11}NO_{3} |
| Formula weight                   | 205.21         |
| T/K                              | 293(2)         |
| Crystal system                   | Orthorhombic   |
| Space group                      | P n a 21       |
| a/Å                              | 6.8236(6)      |
| b/Å                              | 18.8561(17)    |
| c/Å                              | 7.8450(6)      |
| α/º                              | 90.00          |
| β/º                              | 90.00          |
| γ/º                              | 90.00          |
| V/Å³                             | 1009.39(15)    |
| Z                                | 4              |
| Abs. Coeff./mm⁻¹                 | 0.099          |
| Abs. Correction                  | Multi-scan     |
| GOF on F²                        | 1.083          |
| Final R indices [I>2σ(I)]        | R₁ = 0.0524    |
|                                  | wR² = 0.1482   |
| R indices [all data]             | R₁ = 0.0687    |
|                                  | wR² = 0.1650   |
ORTEP diagram of compound 5h