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For

Hydrotelluration of acetylenic Esters: Structural Characterization of Stereoisomers of Methyl/ethyl (β-aryltelluro)acrylates[†]

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Figure S1. ORTEP diagram for 2Ba. Hydrogen atoms other than the vinylic are omitted for clarity.



Figure S2. ORTEP diagram for 3Aa. Hydrogen atoms other than the vinylic are omitted for clarity.



Figure S3. ORTEP diagram for 3Ba. Hydrogen atoms other than the vinylic are omitted for clarity.



Figure S4. ORTEP diagram for 5Aa. Hydrogen atoms other than the vinylic are omitted for clarity.



Figure S5. ORTEP diagram for 8. Hydrogen atoms other than the vinylic are omitted for clarity.



Figure S6. One-dimensional supramolecular array realized via Te···O1 and C1—H1···O1 interactions in the crystal lattice of **5Bb**.Only relevant hydrogen atoms are shown for clarity.

Table S1. Bond parameters for D–H…A interaction in **5Bb**.

| D–H…A | d(D-H) (Å) | $d(H \cdots A)(Å)$ | $d(D \cdots A)$ (Å) | \angle (DHA) (°) | Symmetry operation |
|-------------------|------------|--------------------|---------------------|--------------------|---------------------|
| C1 - H1…O1 | 0.95 | 2.470(1) | 3.101(1) | 123.8(2) | 1+x, y, z |
| С8—Н8…О1 | 0.95 | 2.606(1) | 3.536(1) | 166.6(1) | 0.5-x, 0.5+y, 1.5-z |