A donor–acceptor substituted molecular motor
Delden, Richard A. van; Koumura, Nagatoshi; Schoevaars, Annemarie; Meetsma, Auke; Feringa, B.L.

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Downloaded from the University of Groningen/UMCG research database (Pure): http://www.rug.nl/research/portal. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.
A donor-acceptor substituted molecular motor: unidirectional rotation driven by visible light.


Fig. 1. Chemical structural diagram (scheme 1) of the title compound

Fig. 2. Perspective PLUTO drawing of the molecule illustrating the configuration and the adopted numbering scheme.

Fig. 3. Molecular packing viewed down unit cell axes.

Fig. 4. Perspective ORTEP drawing of the title compound. All non-hydrogen atoms are represented by thermal vibrational ellipsoids drawn to encompass 50% of the electron density. The hydrogen atoms are drawn with an arbitrary radius.

# 5. CHEMICAL DATA

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diffrn_reflns_reduction_process  Intensity data were corrected for Lorentz and polarization
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reflns_threshold_expression     >2σ(I)

computing_data_collection        'SMART, Bruker Version 5.168, 2000'
# 8. REFINEMENT DATA

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# 10. MOLECULAR GEOMETRY
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Bond distances, angles etc. have been calculated using the rounded fractional coordinates. All esds are estimated from the variances of the (full) variance-covariance matrix. The cell esds are taken into account in the estimation of distances, angles and torsion angles;

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