



Showcasing research from Professor D'Souza's laboratory,
University of North Texas, Denton, TX, USA.

Isoenergetic symmetry breaking charge separation in far-red absorbing orthogonal BODIPY dimer – a classic case of no energy loss during the process of light capture and conversion

This image represents symmetry-breaking charge separation in a symmetric, near-infrared light-capturing BODIPY dimer upon illumination, with minimal energy loss. Red and blue colors are used to describe holes and electrons, respectively. Details can be found at DOI: 10.1039/D5SC07818K. Image courtesy: C. V. Ieperuma.

Image reproduced by permission of Francis D'Souza from *Chem. Sci.*, 2026, **17**, 1604.

As featured in:



See Francis D'Souza *et al.*,
Chem. Sci., 2026, **17**, 1604.