



Showcasing research from DSc Piotr Garbacz's Nuclear Magnetic Resonance Laboratory, Faculty of Chemistry, University of Warsaw, Poland.

Direct enantiomeric discrimination through antisymmetric hyperfine coupling

This Communication shows that the antisymmetric hyperfine coupling ( $A^*$ ) in polar radicals is crucial for direct enantiomeric discrimination by EPR. The effect's sensitivity to chirality follows from the transformation of the  $A^*$  vector and the electric dipole under mirror reflection.

As featured in:



See Piotr Garbacz and Juha Vaara,  
*Chem. Commun.*, 2021, **57**, 8264.