

The Structure of Alanine Anionic-Zwitterionic Dimers on Pd(111);
Formation of Salt Bridges

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Highlights

- Used ultralow current LEED apparatus to collect I-V data for alanine on Pd(111).
- Analyzed I-V data to show that alanine forms anion-zwitterion dimers.
- Analyzed the energy contributions to dimer formation.

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