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Polymorphism in Co-crystals: A Database Study. V. Peddy, M.J. Zaworotko, Dept. of Chemistry, Univ. of South Florida, SCA 400, Tampa, FL, 33620, USA.

Polymorphism is defined as the phenomenon wherein the same chemical substance exists in different crystalline forms. Polymorphism is of fundamental importance to solid-state chemistry because different crystalline forms of a compound exhibit different physical and chemical properties.

The poster presentation will be organized as follows:

1. Introduction to polymorphism
2. Cambridge Structural Database (CSD) analysis of polymorphism in
 - (a) Organic single component crystals
 - (b) Co-crystals
3. An evaluation of the possible crystals in the context of materials and pharmaceutical formulation.