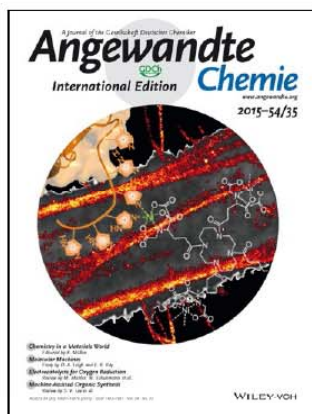




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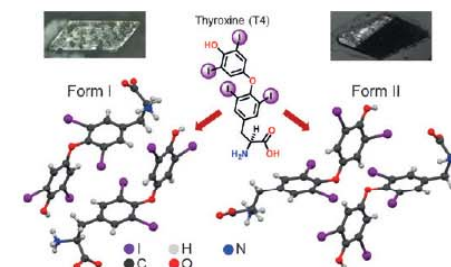


Polymorphism

S. Mondal, G. Mugesh*

Structure Elucidation and Characterization of Different Thyroxine Polymorphs

You'd better shape up: Two new polymorphs of the thyroid hormone thyroxine were characterized and it was found that polymorphism has a significant effect on the solubility and stability of this clinically useful compound. The conformational changes alter the electronic properties of the iodine atoms and the reactivity of the C–I bonds, which could have a significant effect on the hormone activity.



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