

Fast Follower: Optimising P450 Metabolic Stability

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In this example we will explore the feasibility of pursuing a fast-follower for Buspirone, a 5-HT_{1A} ligand used as an anti-anxiolytic therapeutic, which has a known liability due to rapid metabolism by CYP3A4. This example illustrates the use of StarDrop's P450 metabolism models to explore structural modifications with the aim of identifying potent analogues with significantly improved stability with respect to CYP3A4.

To try this example yourself, please visit the [Tutorials](#) section of the Community. If you don't have access to StarDrop or the optional modules and would like to arrange a free trial license, please email us at

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