

Tech Note 03 / May 3, 2016

Fast Off-Rates

Creoptix[™] WAVE





18.0

18.0

Summary

Weak binders such as those found in fragment-based screening are typically ranked by affinity rather than kinetics due to their very fast off-rates which can not be resolved by standard instrumentation. Here we show that the Creoptix[™] WAVE system provides such an outstanding resolution that very fast kinetics can be reliably resolved even at off-rates of 5 s⁻¹. This enables early stage selection of true positive hits in the fragment-based screening workflow, thereby higher efficiency and saving costs and time efforts.

