

## Pharmacokinetics - male Sprague-Dawley rats

All *in vivo* procedures were approved by the appropriate Institutional Animal Care and Use Committee before initiation. All animals were allowed to acclimate for at least 72 hours in the respective animal facilities before experimentation. Animals were exposed to a 12-hour light/dark cycle and received food and water ad libitum throughout the studies. Male Sprague-Dawley rats (Charles River Laboratories or Taconic; about 6 weeks; n = 4 to 6 per group) with indwelling jugular vein cannulae were administered DTXL-TNP or sb-DTXL (5 mg/kg) diluted as appropriate in 0.9% saline. At various times, serial bleeds were collected from the jugular vein cannulae into lithium heparin tubes and plasma was generated. Total DTXL was extracted from plasma with a supported liquid extraction with methyl tert-butyl ether and analyzed by LC-MS.