

## Mechanism of Long Acting Injectable LAI

LAI Prodrugs are designed to obtain compounds with low solubility, high melting point, and stable crystalline form. After IM or SC administration, the drug forms a depot in vivo, slowly releases in blood stream then rapidly transformed to the parent drug.

and others have validated LAI based prodrug technology.



HNC Rapidly Long Acting LAI Prodrug

HNC Phase I PK PD Re I

Key findings