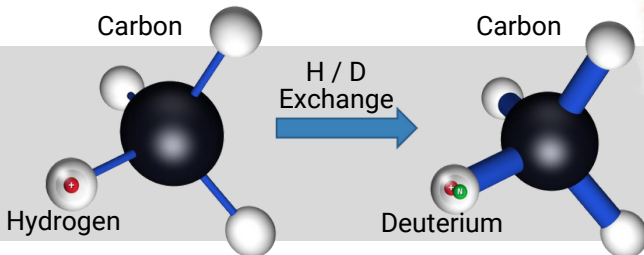
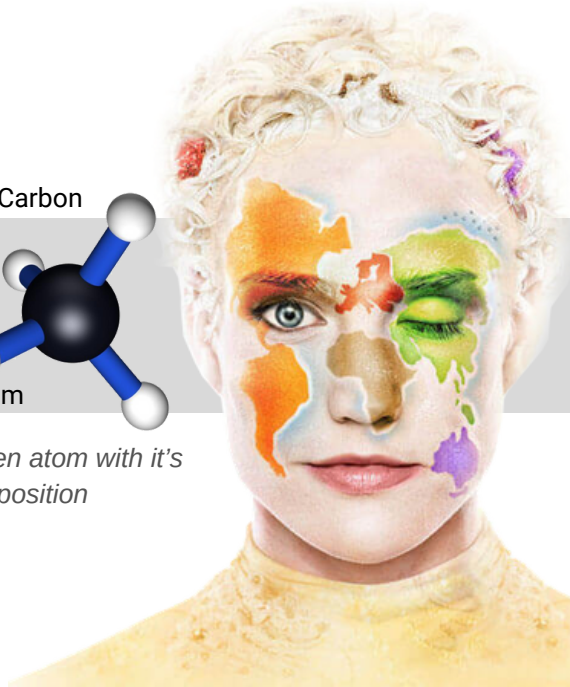


Deuterated Drug Development Services



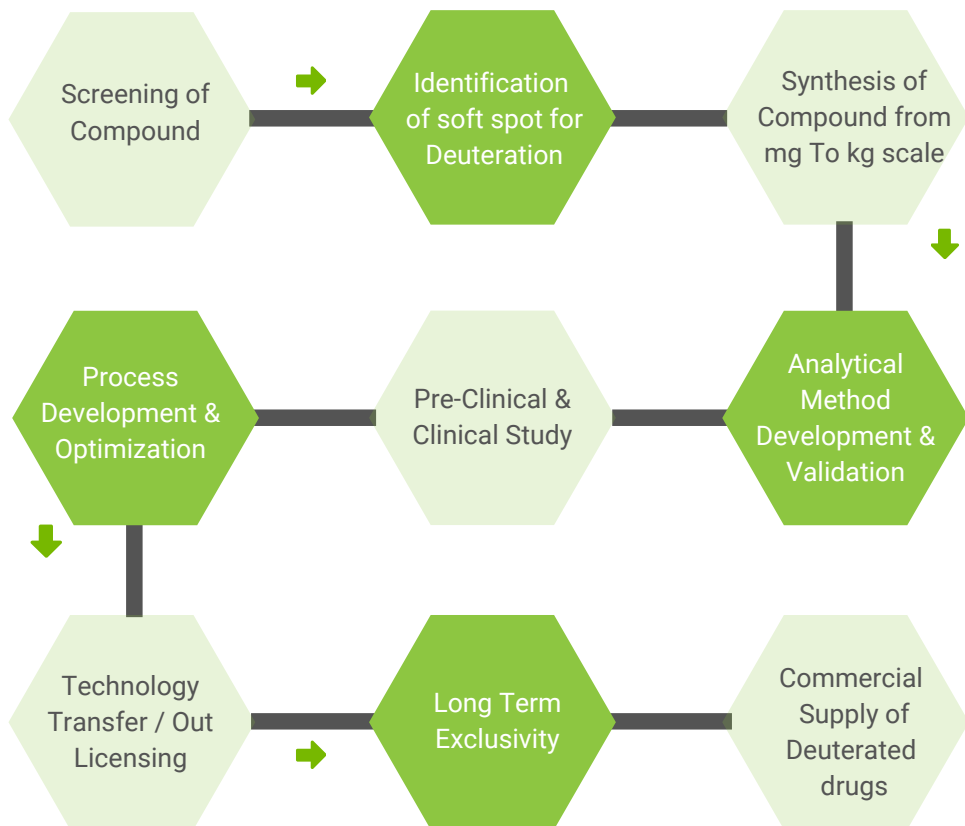
Deuteration is replacement of a hydrogen atom with its stable isotope "deuterium" at a specific position



Comprehensive Deuterated Drug Services



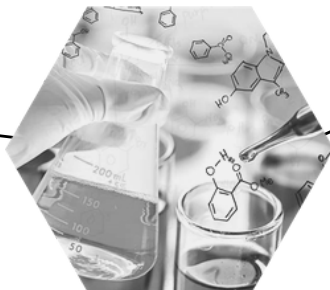
Clearsynth is a technology based, research driven enterprise with the World's Largest Inventory of Isotopic Research Chemicals. We aim to enable the research community in accelerated discovery via synthesis of complex and difficult to make compounds.



How Deuteration Benefits Drug Properties



- Increases Half life and slows pharmacokinetic effect
- Improves metabolic stability
- Reduces formation of toxic metabolites
- Enhances building up of desired active metabolites
- Improves safety, efficacy and tolerability of the drug



Clearsynth Capabilities

- Availability of Heavy Water
- Expertise in Deuteration Chemistry
- Facility to scale up from mg to kg scale
- In house analytical capabilities
- Large inventory of Stable isotopes
- Algorithm for Deuterated Drug Screening



Quality Assurance



ISO 9001:2015



ISO 14001:2015



BS OHSAS
18001:2007



ISO 17034:2016



ISO/IEC 17025:2017



NIST Calibrated



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