

DMPK (PRE-FORMULATIONS)

RESEARCH ASSOCIATE/ Sr. RESEARCH ASSOCIATE

Educational qualifications	M.Pharm (Pharmaceutics)
Years of experience	3-8 yrs
Key Responsibilities	<ul style="list-style-type: none">• Read and understand client pre-formulation requirements• Solid State and Solution State Characterization (interpretation of DSC, TGA and pXRD etc. data)• Solubility assessment in Aqueous and Organic solvents simulated intestinal and gastric Medias.• Bioavailability enhancement of compounds• Excipient Compatibility Studies• Preclinical formulation development of NCEs for pharmacokinetic, toxicology, & in vivo efficacy studies.• Ability to work with wide variety of excipients, API and dosage forms• Hands-on experience in strategy to come up with pharmaceutically acceptable salts for NCEs and their characterization and interpretation of the data to propose the suitable salt.• Should know the know-how of various formulations combinations to address the solubility issues for various routes to perform PK studies in preclinical species.• Should be able to develop dosage forms for therapeutic areas like oncology, metabolic disorders, inflammation etc.• Should be able to develop HPLC-UV based methods for conducting formulation analysis under GLP and Non-GLP modes• Good knowledge of chromatography



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Experience required

- Preparation of documents such as SOP's for Laboratory instruments and reports for preformulation studies.
- Good scientific knowledge about the role of pre-formulation in small molecule discovery.
- Basic knowledge of pharmacokinetics .
- Knowledge of various excipients and their permissible limits in preclinical and clinical setups.
- Handling of HPLC-UV/PDA
- Liquid chromatography.

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Submit your application and CV

