

Fee for Service

In this model clients can ask for a quotation on a certain quantity of compound/s. The team at ADKL Labs can design molecules if required and a quote with ETA provided. Upon agreement, the client forwards the PO to ADKL Labs and synthesis commences with weekly progress reports provided up until completion of the synthesis.

FTE

Clients can also engage in an FTE,⁵ where chemist(s) at ADKL Labs will be dedicated to designing target compounds and executing synthetic plans for clients. An agreement will be set between ADKL Labs and the client on the number of compounds that is reasonable to synthesise in a given amount of time with monthly milestones in place. All general consumables and solvents are included in this package.⁶ Weekly progress reports are provided up until completion of the FTE term.

1. All IP related to compound structures are owned by the client. Under FTE arrangement, IP related to procedures and methodologies are also assigned to clients.
2. A minimum of a HPLC trace and MS data will be provided by ADKL Labs on final compounds forwarded to the client. The client can request further data such as NMR, LCMS, HRMS at a nominal fee per data set. If data is required to be collated and written in publishable form ADKL Labs can provide this service at consultancy rates.
3. Weekly progress reports will be provided as brief statements informing the clients of the progress in allocated work and described in simple terms.
4. Fee for service is based on estimated time of synthesis, complexity and reagent availability. The quotation will also include solvents, consumables and shipping. FTE rate will include solvents, consumables and standard shipping, a minimum period of 6 months is required for FTE.
5. FTE may be more advantageous for clients that want to pursue a SAR guided program and/or compounds that are highly complex and/or time consuming.
6. Starting materials for synthesis and other exotic reagents will be at extra cost to the client.

ADKL Labs Reverse Engineering Services

From raw materials up to commercial tablets and topical creams, ADKL Labs can help confirm formula composition through analysis and quantification of constituents. The analysis process requires separation of constituents within a complex mixture, identification, quantification, and interpretation.

ADKL Labs' experienced team analysed various excipients and experimentally determined formula composition. Successful analysis of formula composition may leverage a broad range of analytical techniques, including:

- Gas Chromatography-Mass Spectrometry (GC-MS)
- Fourier Transform Infrared Spectrometry (FTIR)
- Liquid Chromatography-Mass Spectroscopy (LC-MS)
- Nuclear Magnetic Resonance (NMR)
- High Pressure Liquid Chromatography (HPLC)

ADKL Labs: integrity, reliability and experience in science.



An Australian Company

ADKL Labs Pty Ltd
56 Steel Street North Melbourne 3051
info@adklabs.com.au
www.adklabs.com.au



An Australian Company

ADKL Labs Consulting Services and Chemical Supply

ADKL Labs provide insights beyond the analytical perspective. Through their years of experience in drug design, synthetic organic synthesis, medicinal chemistry, analytical techniques and instrumentation, ADKL Labs offer expertise on a variety of platforms, pathways and strategies. The team at ADKL Labs have many years experience within the medicinal chemistry industry, specifically in the area of lead design and synthesis (structure and fragment-based). Our team is committed to applying our experience to solving the synthetic chemistry needs of our clients. Organic syntheses require structural elucidation for accurate and reliable characterisation of target compounds. Working within the industry has enabled the ADKL Labs team to build an expertise within the area of structural elucidation using various spectrometric and spectroscopic instrumentation.

As a result, our team is uniquely positioned to offer synthetic chemistry services in tandem with structural elucidation, characterisation and impurity analysis. Below are representative services we offer:

- Drug design and custom synthesis
- Retrosynthetic impurity analysis and characterisation
- Specialised organic synthesis (development, pilot and scale-up)
- Method development (HPLC, LCMSD, GC, GCMSD)
- Compound identification
- Synthetic pathway optimisation and consulting

With our extensive knowledge and background in the chemical sciences, ADKL Labs can provide access to many services and chemical supply such as:

- Chemicals
- APIs
- Intermediates
- Inhibitors
- Impurities
- Metabolites
- GMP products

ADKL Labs Analytical Services

Through many years of experience within the industry, our team has developed specialised skills in a variety of analytical techniques. In addition to qualitative structural elucidation, we offer quantitative analysis of various component mixtures, as well as unknown impurity investigation. The analytical techniques employed by our team will vary according to client needs and the type of outcomes desired. Our team has access to a variety of equipment for accurate characterisation that is being expanded regularly. A representative list of techniques employed by our team is shown below:

- HPLC with DAD / UV
- LC-MSD
- LC-Time of Flight (Accurate Mass)
- GC with FID / TCD
- GC-MSD
- NMR Spectroscopy



ADKL Labs CRO Services

With over 60 years combined experience in chemistry, biology and instrumentation the ADKL Labs team is highly experienced compared to other CROs. We offer clients our intellectual input at all stages and guide structure design through SAR.

Most importantly, clients will deal with experienced scientists. Serving the industries of medicinal chemistry, biology and spectroscopy, specifically, in the area of lead optimization and synthesis (structure and fragment-based), our team is committed to solving the client's needs of designing and preparing novel bioactive chemical entities.

Organic syntheses require structural elucidation for accurate and reliable characterisation of target compounds. Working within the industry has enabled the ADKL Labs team to build an expertise within the area of structural elucidation using state-of-the-art spectrometric and spectroscopic technology. As a result, our team is uniquely positioned to offer drug design and synthetic chemistry services in tandem with structural elucidation, characterisation and impurity analysis.

Advantages for Biologists Collaborating with ADKL Labs

- Simple communication.
- All compounds synthesised and designed by ADKL Labs are solely owned by the client.¹
- Spectral/analytical data for publication.²
- Molecule design and synthetic procedures available.
- Regular reporting available.³
- CDA available for strict confidentiality.

ADKL Labs enables flexibility with clients through flexible CRO services with the choice of fee for service and/or FTE (full time equivalent).⁴

