

MAYBRIDGE CUSTOM SYNTHESIS SOLUTIONS

ONE POINT OF CONTACT – FROM DISCOVERY TO DEVELOPMENT

Maybridge - part of Thermo Fisher Scientific - your single point of contact for custom synthesis solutions for both the discovery and early development phases of pharmaceutical R & D

The **CustomBlocks™** program enables you to cost-effectively outsource production of commercially unavailable building blocks required for discovery chemistry projects.

When you're ready to scale up, our **CustomSynth™** service harnesses our chemistry expertise and global reach to deliver the intermediates you need for drug development; on time, on budget.

CustomBlocks™ - BUILDING BLOCKS ON DEMAND

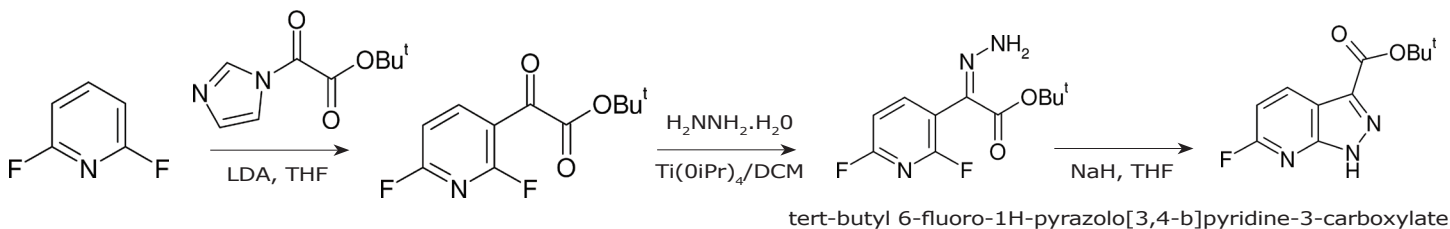
Whilst synthetic chemists have access to an ever-increasing array of commercially available building blocks, discovery chemistry programs still require project-specific building blocks that are not available from catalogs.

Synthesising or outsourcing these building blocks can be time-consuming and expensive – and can often result in non-delivery of project-critical compounds.

Maybridge can help. With over 40 years' experience in the design and synthesis of heterocyclic building blocks, and access to a global network of trusted outsourcing partners, we have a solid track record of supplying building blocks on time, on budget.

If exclusivity is not required, we can often offer CustomBlocks™ at catalog prices. CustomBlocks™ can also be supplied on an exclusive basis with total confidentiality assured.

Just one example is the three-step synthesis of tert-butyl 6-fluoro-1H-pyrazolo[3,4-b]pyridine-3-carboxylate illustrated below, delivered as part of a broader program of building block synthesis.



CustomSynth™—reliable, smart outsourcing from Maybridge

As chemistry projects transition from discovery to development, delivery of compounds to schedule becomes critical. A reliable outsourcing partner is essential to ensure project timelines are met.

Maybridge brings over 40 years of unparalleled experience in the synthesis of heterocyclic compounds, together with the global reach of Thermo Fisher Scientific, to offer **CustomSynth™**—reliable, cost-effective outsourcing to multi-Kg scale.

Capabilities at our Tintagel, UK site include:

- ▶ Organometallic Chemistry (e.g., Lithiation, Grignard)
- ▶ Palladium Coupling Chemistry at Scale
- ▶ Protecting Group Chemistry
- ▶ High Pressure Chemistry (e.g., Hydrogenation, Halogenation)
- ▶ Diazotisations
- ▶ Separation of Regioisomers
- ▶ Aggressive reagents (e.g., Chlorosulfonation)
- ▶ Large Scale Synthesis to 10kg and through Trusted Partners up to 500kgs
- ▶ High Pressure Chemistry to 3kg
- ▶ Microwave Chemistry at Scale
- ▶ Wipe Film Evaporation for Fractional Distillation

As part of the Thermo Fisher Scientific organization, Maybridge brings you the advantages of a global network of key outsourcing partners – and of in-house facilities at Thermo Fisher Scientific companies worldwide. Our long-established chemistry know-how, acquired through the development of a market-leading collection of heterocyclic building blocks and a renowned screening collection, gives us the technical resource to deliver on our promises, every time.

All compounds are subject to strict quality control at our ISO 9001 and ISO 14001 facility in Tintagel, UK.



MAYBRIDGE CUSTOMER SERVICE

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