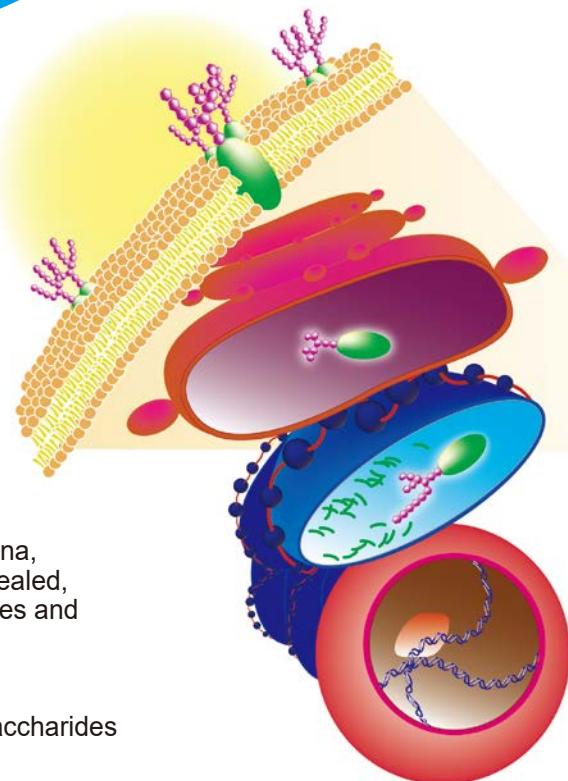


TCI's contract synthesis service of sugar chains

Monosaccharide derivatives Oligosaccharide blocks Functional oligosaccharides

— TCI facilitates your research and development of oligosaccharides through our technology.



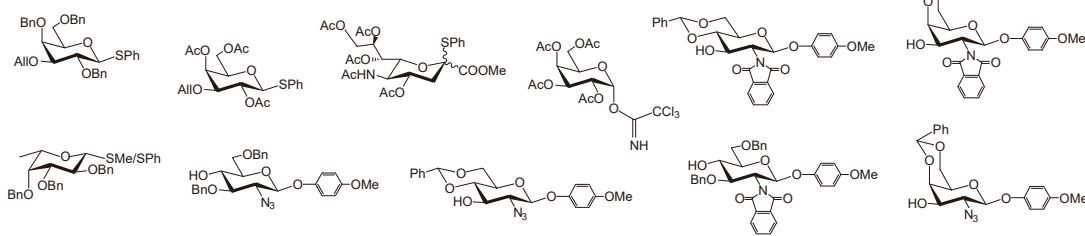
Sugar chains as well as nucleic acids and proteins as communication materials are closely related to life phenomena, such as organogenesis, cancer and infection have been revealed, and the applications of sugar chains to the antibody medicines and regenerative medicines have attracted a lot of attentions.

We can synthesize functional carbohydrate chains not only monosaccharide blocks but also oligosaccharide units.

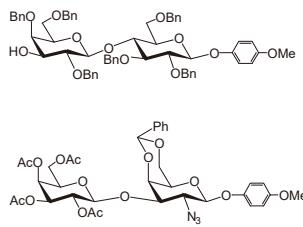
We hope you will be able to make great use of TCI's oligosaccharides as they will save you time and money.

Some examples of our many successes

Monosaccharide derivatives: We can supply 10-100 kg scale.

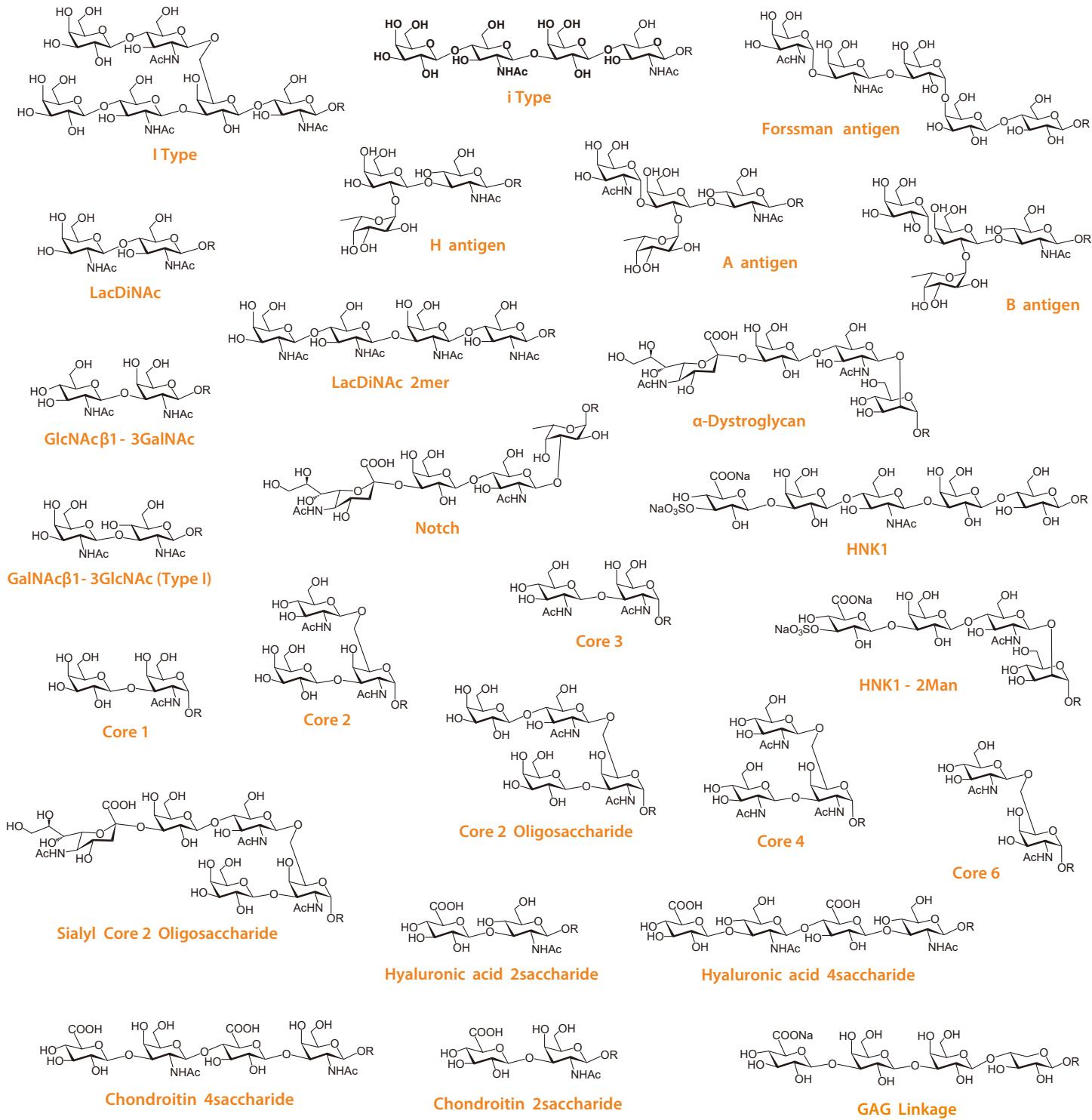


Oligosaccharide k



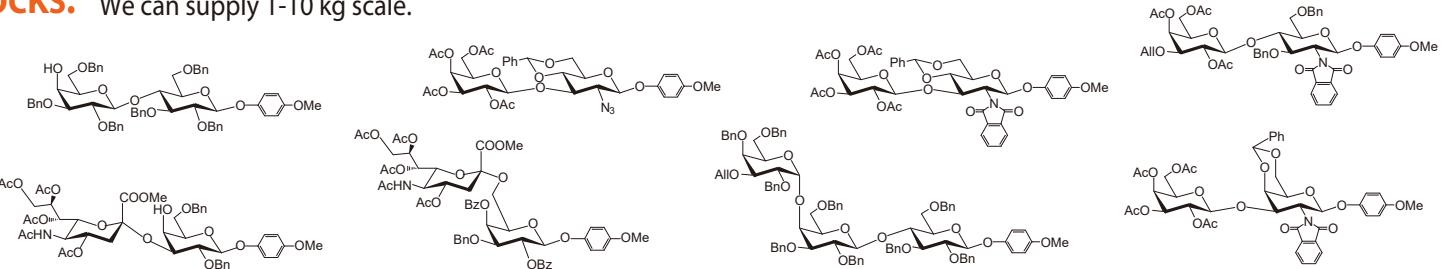
Functional Oligosaccharides:

The following functional oligosaccharides are also available. Various modifications of

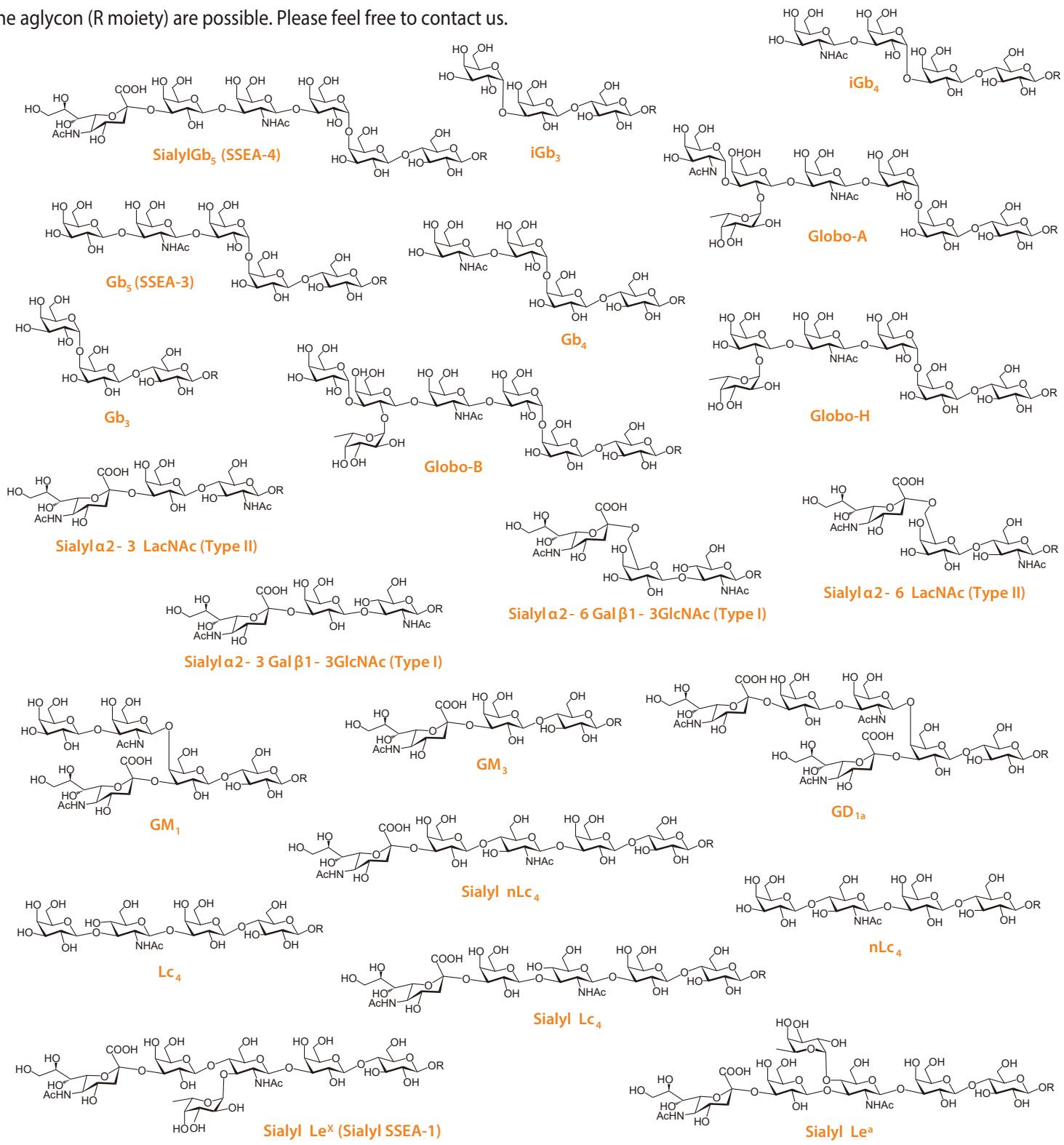


Additional saccharide blocks (not listed) are available; please contact us for more information.

blocks: We can supply 1-10 kg scale.



the aglycon (R moiety) are possible. Please feel free to contact us.



TCI's sugar syntheses

We have achieved the mass production and supply of functional carbohydrate chains as well as monosaccharide blocks or oligo-saccharide units by chemical synthesis. Therefore, we can meet your needs of various situations in the sugar chain research.



Reactors (up to 8000 L)

For synthetic studies

We can synthesize large quantities of useful raw materials in the syntheses of the functional sugar chains, and can supply these materials at 10-100 kg scales.

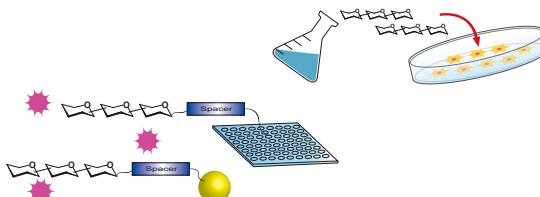
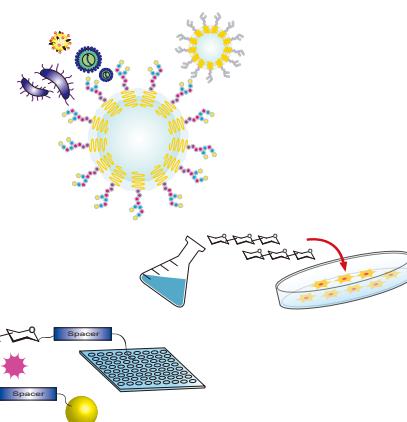


Ultra Low Temperature Reactors
(-80 °C, 200 L)

For functional studies

We succeeded in the syntheses of cancer antigens, virus-related sugar chains and the marker sugar chains of the many functions stem cells such as the IPS cell. We start supplying these sugar chains at the 10 g scale.

Furthermore, we develop the mass production process of these sugar chains.



Functional sugar probes

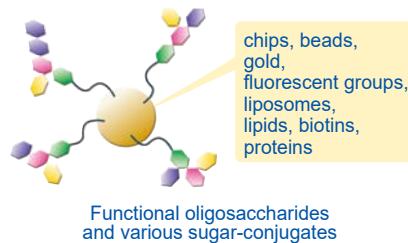
We supply the sugar chain probes aimed for practical applications such as medicines / diagnostic agents / the removal of the illness induction materials.

Please make use of these functional sugar probes in biochemistry and a biological field.

Sugar-conjugates

Sugar-conjugates are applicable to DDS, analysis of interactions between proteins and oligosaccharides, affinity chromatography, and removal of viruses or toxins.

We can supply oligosaccharides for various sugar-conjugates.



Confidentiality

Irrespective of whether we have a formal confidentiality agreement in place with your company, TCI will handle your inquiry and other information with the utmost discretion. If a formal agreement is preferred, we can prepare one upon request.

Contact information for inquiries regarding large scale synthesis of the listed as well as non-listed products:

Ordering and Customer Service

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Fax : +32 (0)3 735 07 01
E-mail : Sales-EU@TCIchemicals.com

TCI AMERICA

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E-mail : globalbusiness@TCIchemicals.com

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