

# Resource Summary Report

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## GlycoFragment

RRID:SCR\_001573

Type: Tool

### Proper Citation

GlycoFragment (RRID:SCR\_001573)

### Resource Information

**URL:** <http://www.glycosciences.de/tools/GlycoFragments/>

**Proper Citation:** GlycoFragment (RRID:SCR\_001573)

**Description:** Service that calculates and displays the main fragments (Band C-, Z- and Y-, A- and X-ions) of oligosaccharides that should occur in MS-spectra. The extended ASCII nomenclature as recommended by IUPAC is used to input the sequence of complex oligosaccharides. However, some additional input rules have to be fulfilled. In case only the topology and composition of the oligosaccharide is known, a simpler way to input carbohydrate sequences is possible. Since the hydroxyl groups of synthetic carbohydrates are often protected they have included a way to indicate if sugar residue are persubstituted. Please have a look at the examples of valid input structures.

**Abbreviations:** GlycoFragment

**Synonyms:** GlycoFragments, Sugar Fragmentation

**Resource Type:** analysis service resource, data analysis service, production service resource, service resource

**Keywords:** fragment, mass spectrometry, carbohydrate, sequence, oligosaccharide, mass spectrometry-spectra, structure, ion

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** GlycoFragment

**Resource ID:** SCR\_001573

**Alternate IDs:** nlx\_152886

**Record Creation Time:** 20220129T080208+0000

**Record Last Update:** 20260821T042528+0000

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## Ratings and Alerts

No rating or validation information has been found for GlycoFragment.

No alerts have been found for GlycoFragment.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

L??tteke T, et al. (2012) The use of glycoinformatics in glycochemistry. Beilstein journal of organic chemistry, 8, 915.