

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/>

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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: service resource, analysis service resource, production service resource, data analysis service

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

Funding:

Resource Name: GlycoFragment

Resource ID: SCR_001573

Alternate IDs: nlx_152886

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250522T055942+0000

Ratings and Alerts

No rating or validation information has been found for GlycoFragment.

No alerts have been found for GlycoFragment.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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