GLYCAN IMAGE WEB SERVICE DOCUMENTATION

**Version 1.0**

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# Introduction

This web service provides the images of the glycan structures based on an ID. The resulting Glycan images will be displayed on the Glygen portal in multiple webpages.

# Web service call

**HTTP Request method** Post

**Variables** *id* ID of the glycan (GlyTouCan ID) or motif (internal motif ID)

*type* Type of the ID (*glycan* or *motif*) default is glycan

Example:

<http://url.domain/get_glycan_image?id=GB453245&type=glycan>

# Function

Based on the provided ID the web service loads a cached image or generates an image of the glycan or the corresponding motifs. The image is returned by the web service

# Response

**Content** Image

**HTTP Content Type** image/png or image/jpg

**Access-Control-Allow-Origin** \*

|  |  |
| --- | --- |
| Bildergebnis für please note icon | **Warning**  To all Cross-Origin Resource Sharing (CORS) the web service has to allow all domains access. Otherwise browsers will not permit to call this web service by a webpage. Therefore the HTTP response header must contain the appropriate *Access-Control-Allow-Origin* statement. |