

Terms for receiving parts of the Scilifelab compound collection from the national platform CBCS (SciLifeLab)

Background

KI and Umeå University have formed a national infrastructure for research in chemical biology (Chemical Biology Consortium Sweden, “CBCS”). The aim of CBCS’s activities is to provide expertise in the field of chemical biology including a platform for the generation of bioactive chemical probes (small organic molecules) for Swedish research groups with the aim to strengthen research in chemical biology at a national level and to help Swedish research in the field attain world-leading standards.

User (PI) would like to use parts of the Scilifelab compound collection in their project described below.

Project description

Is attached as an appendix to this agreement and should include title and a short general description of the project.

Terms for receiving parts of the Scilifelab compound collection from CBCS

Delivery

[A] Scilifelab compound libraries for screening:

One copy of the compound library will be delivered from CBCS in v-bottomed Greiner 384 polypropen plates or to plates requested and provided by the PI. The format is 200 nl of 10 mM stock solutions in individual wells. Volumes may be adjusted if less is needed to suit assay. Upon identification of hits the PI is allowed to request compound stock solutions for hit confirmation purposes in follow up model below.

Follow up model is:

- I. Hitconfirmation, 3 points. 2 copies, max volume to distribute 200 nl/cmpd/plate estimating 150 – 200 cmpds
- II. Dose Response, 9 points. 3 copies (nl: 400, 200, 100, 50, 25, 12.5, 5, 2.5, 0) estimating 30 – 60 cmpds
- III. Analoges, 9 points (see II.) 3 copies. Alternative: 1 round, 64 cmpds or 2 rounds, 32 cmpds/each selection.

The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

[B] Parts of the Scilifelab compound collection (microtubes $\leq 5\mu\text{l}$):

The project is allowed to request a maximum of 32 compounds at one occasion. The maximum volume received is 5 μl / compounds and will be delivered in a Nunc 96 well, polypropylene, round bottom plate or in a glass vial. No dilution could be performed. The purpose is intending follow up after screen, testing analogs as part of a SAR analysis. The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

[C] Parts of the Scilifelab compound collection (screening collection 200 nl – 2.4µl):

Only for follow up after screen with CBCS libraries. For other purposes use [F] The project is allowed to request 200 compounds at one occasion. Compounds will be delivered in a v-bottomed Greiner 384, polypropylene, round bottom plate or in a glass vial.

- I. Hitconfirmation, 3 points. 2 copies, max volume to distribute 200 nl/cmpd/plate estimating 150 – 200 cmpds
- II. Dose Response, 9-11 points points. 3 copies (nl: 400, 200, 100, 50, 25, 12.5, 5, 2.5, 0) estimating 30 – 60 cmpds

Dilution is possible.

The purpose is intending follow up after screen, testing analogs as part of a SAR analysis.

The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

[D] Parts of the Scilifelab compound collection (6 – 20 µl):

The project is allowed to request 32 compounds at one occasion. The maximum volume received is 6-20µl/ compounds and will be delivered in a Nunc 96 well, polypropylene, round bottom plate or in a glass vial. The purpose is intending follow up screen to confirm downstream – e.g. cell assays, x-ray.

The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

[E] Parts of the Scilifelab compound collection (> 20µl or solids):

The project is allowed to request 15 compounds at one occasion. There is no volume limits but much reduced availability of compounds. They will be delivered in a glass vial. The purpose is intending follow up screen to confirm downstream – e.g. cell assays, x-ray.

The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

[F] Parts of the Scilifelab compound collection chosen from a virtual screen (≤ 5µl)

For follow up after performing a virtual screen with CBCS libraries or for follow up after performing a screen somewhere else. The project is allowed to request compounds at one occasion which will be delivered from CBCS in v-bottomed Greiner 384 polypropylene plates or to plates requested and provided by the PI. The format is 200 nl of 10 mM stock solutions in individual wells. Volumes may be adjusted if less is needed to suit assay. The delivery is dependent both on availability of stock solutions and resources at CBCS. If this is not available at the time of request the user is directed to alternative sources.

Costs

[A] The cost connected to receive a compound library from the CBCS compound collection is 2 SEK/compound with a minimum fee of 2500 SEK (INDI not included).

[B] The cost connected to receive parts of the Scilifelab compound collection (microtubes ≤ 5µl) is 2500 SEK (INDI not included).

[C] The cost connected to receive parts of the Scilifelab compound collection (screening collection 200 nl – 2.4 µl) is 2500 SEK (INDI not included).

[D] The cost connected to receive parts of the Scilifelab compound collection (6 - 20µl) is 5000 SEK (INDI not included).

[E] The cost connected to receive parts of the Scilifelab compound collection (> 20µl or solids) is 5000 SEK (INDI not included).

[F] The cost connected to receive compounds chosen after a virtual screen of the Scilifelab compound collection ($\leq 5\mu\text{l}$) or a performed screen somewhere else is 5000 SEK (INDI not included) for the first 384 plate and thereafter 2500 SEK/384 plate (INDI not included)

Terms when receiving Scilifelab compound library;

The raw data of the screening is to be sent to CBCS for tracking of promiscuous hits and CBCS must be acknowledged in all publications of data generated in the screen (see the publication paragraph below).

Confidentiality

The user and CBCS agree that all exchanges of scientific information and results achieved within the framework of the Project shall be treated confidentially and may not be disclosed to a third party.

Publication of results

If research results produced by the Project is communicated to the scientific community and CBCS only have distributed plates for screening, the user will describe CBCS part in the project in an acknowledgement:

"The Library compounds and plating thereof was provided by the Chemical Biology Consortium Sweden (CBCS)."

If more contribution from CBCS has been provided co-authoring should be discussed.

Intellectual property rights

These terms do not affect the right to any patentable research results.

Signatures

Karolinska Institutet

Signature

Date

Name in block letters

PI

Signature

Date

Name in block letters

Processing of personal data

By signing this agreement, I acknowledge that I have been provided with information about the processing of the personal data as set out in www.cbcs.se/GDPR and agree to be listed with name, contact information, and project title in the user- and project database of CBCS for internal CBCS use only.