

## Price examples of projects run on the Chemical Biology platform, NCMC

All prices are in NOK excluding VAT. Prices are valid until 31. December 2019

The hours and resources invested in each individual project varies. The price examples below are general guidelines and quotes will be prepared for each individual project.

### Basis for cost calculations

Hourly price	Unit
Staff	1
Laboratory (without instrumentation)	1
Laboratory (including instrumentation)	1

ACADEMIC	
unit cost	
kr	528
kr	130
kr	688

ENTERPRISE	
unit cost	
kr	739
kr	180
kr	963

### Preparation of assay ready plates using the Acoustic dispensing workstation

Compound management	Unit
half day	1
full day	1

ACADEMIC	
unit cost	
kr	3 808
kr	6 560

ENTERPRISE	
unit cost	
kr	5 330
kr	9 182

### Chemical compound libraries

Library	No. of cmpds
ChemBioNet - Diversity	16671
ChemBridge - Diversity	17501
Enamine - Diversity	28160
Sigma - LOPAC	1258
Prestwick - Chemical Library (FDA/EMA approved)	1200
Prestwick - Original Molecules, POM prev. NOCE	344
Selleck - Cambridge Cancer Compound Library	384
Selleck - Bioactives (2014)	991
Selleck - Tyrosine Kinase Inhibitors (L1800)	170
Selleck - Kinase Inhibitors	193
BioMol - Kinase Inhibitors	80
BioMol - Bioactives	79
Asinex - PPI	1008
Tocris - Tocriscreen Mini (bioactives)	1122
Enzo - Target and pathway libraries (2014)	531

ACADEMIC	
unit cost	
kr	10 000
kr	10 500
kr	17 000
kr	2 516
kr	2 400
kr	1 720
kr	3 072
kr	2 973
kr	935
kr	965
kr	320
kr	320
kr	2 520
kr	2 244
kr	2 124

ENTERPRISE	
unit cost	
kr	14 000
kr	14 700
kr	23 800
kr	3 522
kr	3 360
kr	2 408
kr	4 301
kr	4 162
kr	1 309
kr	1 351
kr	448
kr	448
kr	3 528
kr	3 142
kr	2 974

Target based screen using a diversity library (example based on Enamine, 28500 cmpds)

Assay development / Transfer of assay / Pilot screen	Quantity
Staff hours	32
Laboratory time (without instrumentation)	16
Laboratory time (with instrumentation)	16
<b>Total</b>	

ACADEMIC	
Price/unit	Cost
kr 528.00	kr 16 896.00
kr 130.00	kr 2 080.00
kr 688.00	kr 11 008.00
	<b>kr 29 984.00</b>

ENTERPRISE	
Price/unit	Cost
kr 739.00	kr 23 648.00
kr 180.00	kr 2 880.00
kr 963.00	kr 15 408.00
	<b>kr 41 936.00</b>

Library cost and compound management	Quantity
Compound management	2
Chemical library	1
<b>Total</b>	

Price/unit	Cost
kr 6 560.00	kr 13 120.00
kr 17 000.00	kr 17 000.00
	<b>kr 30 120.00</b>

Price/unit	Cost
kr 9 182.00	kr 18 364.00
kr 23 800.00	kr 23 800.00
	<b>kr 42 164.00</b>

Primary HTS screen	Quantity
Staff hours	72
Laboratory time (without instrumentation)	18
Laboratory time (with instrumentation)	54
<b>Total</b>	

Price/unit	Cost
kr 528.00	kr 38 016.00
kr 130.00	kr 2 340.00
kr 688.00	kr 37 152.00
	<b>kr 77 508.00</b>

Price/unit	Cost
kr 739.00	kr 53 208.00
kr 180.00	kr 3 240.00
kr 963.00	kr 52 002.00
	<b>kr 108 450.00</b>

Hit validation / Rescreening / Dose response	Quantity
Compound management	1
Staff hours	16
Laboratory time (without instrumentation)	8
Laboratory time (with instrumentation)	8
<b>Total</b>	

Price/unit	Cost
kr 6 560.00	kr 6 560.00
kr 528.00	kr 8 448.00
kr 130.00	kr 1 040.00
kr 688.00	kr 5 504.00
	<b>kr 21 552.00</b>

Price/unit	Cost
kr 9 182.00	kr 9 182.00
kr 739.00	kr 11 824.00
kr 180.00	kr 1 440.00
kr 963.00	kr 7 704.00
	<b>kr 30 150.00</b>

Data analysis	Quantity
Staff hours	24

Price/unit	Cost
kr 528.00	kr 12 672.00

Price/unit	Cost
kr 739.00	kr 17 736.00

<b>Total (without assay plates and reagents)</b>	
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ACADEMIC
<b>kr 171 836.00</b>

ENTERPRISE
<b>kr 240 436.00</b>

**Cell based screen using an annotated library (example)**

**Drug sensitivity profiling: 1 cell line tested on one library (384 compounds, 5 concentrations)**

**Culturing of cells not included**

Cell work / assay development	Quantity
Staff hours	8
Laboratory time (without instrumentation)	8
<b>Total</b>	

ACADEMIC	
Price/unit	Cost
kr 528.00	kr 4 224.00
kr 130.00	kr 1 040.00
	<b>kr 5 264.00</b>

ENTERPRISE	
Price/unit	Cost
kr 739.00	kr 5 912.00
kr 180.00	kr 1 440.00
	<b>kr 7 352.00</b>

Screen	Quantity
Staff hours	8
Laboratory time (without instrumentation)	2
Laboratory time (with instrumentation)	6
<b>Total</b>	

Price/unit	Cost
kr 528.00	kr 4 224.00
kr 130.00	kr 260.00
kr 688.00	kr 4 128.00
	<b>kr 8 612.00</b>

Price/unit	Cost
kr 739.00	kr 5 912.00
kr 180.00	kr 360.00
kr 963.00	kr 5 778.00
	<b>kr 12 050.00</b>

Data analysis	Quantity
Staff hours	8

Price/unit	Cost
kr 528.00	<b>kr 4 224.00</b>

Price/unit	Cost
kr 739.00	<b>kr 5 912.00</b>

Reagents	Quantity
Cambridge Cancer Compound Library (Selleckchem)	1
Cell TiterGlo (Promega)	0.5
Assay plates (Greiner #781098)	7
Cell culture medium and consumables	
<b>Total</b>	

Price/unit	Cost
kr 3 072.00	kr 3 072.00
kr 4 018.00	kr 2 009.00
kr 82.68	kr 578.76
	kr 500.00
	<b>kr 6 159.76</b>

Price/unit	Cost
kr 4 301.00	kr 4 301.00
kr 4 018.00	kr 2 009.00
kr 82.68	kr 578.76
	kr 500.00
	<b>kr 7 388.76</b>

<b>Total (excluding VAT)</b>
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ACADEMIC
<b>kr 24 259.76</b>

ENTERPRISE
<b>kr 32 702.76</b>

### Services performed by other NOR-OPENSREEN nodes

These services are supposed to follow up successful target based screens. Services are provided by NOR-OPENSREEN partner sites SINTEF in Trondheim and BISS (Biophysics, Structural Biology and Screening) at the University of Bergen and offered via the Chemical Biology Platform at NCMM.

QC of compounds using MS (SINTEF, Trondheim)	Quantity
Staff working hours	1
Instrument time	1
Mass spec. analysis of compound	15
Shipping costs	1
<b>Total</b>	

ACADEMIC	
Price/unit	Cost
kr 528.00	kr 528.00
kr 688.00	kr 688.00
kr 300.00	kr 4 500.00
kr 300.00	kr 300.00
	<b>kr 6 016.00</b>

ENTERPRISE	
Price/unit	Cost
kr 739.00	kr 739.00
kr 963.00	kr 963.00
kr 300.00	kr 4 500.00
kr 300.00	kr 300.00
	<b>kr 6 502.00</b>

Cheminformatics (UiB, Bergen) only for academic users
Analysis of structure-activity relationship (SAR)
Hit expansion based on SAR
<b>Total</b>

ACADEMIC	
Total	
kr	3 200.00
kr	3 200.00
<b>kr</b>	<b>6 400.00</b>

ENTERPRISE	
Total	
kr	3 200.00
kr	3 200.00
<b>kr</b>	<b>6 400.00</b>

Not all cheminformatics services might be available for enterprise users due to academia restrictions in some software licenses!