

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

All prices are in NOK excluding VAT. Prices are valid until 31. December 2018

The hours and resources invested in each individual project varies. The price examples below have to be viewed as general guidelines and quotes should be prepared for each individual project.

### Basis for cost calculations

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

INTERNAL (UiO)	
unit cost	
kr	512
kr	125
kr	668

EXTERNAL	
unit cost	
kr	717
kr	175
kr	935

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

Compound management	Unit
half day	1
full day	1

INTERNAL (UiO)	
unit cost	
kr	3 696
kr	6 368

EXTERNAL	
unit cost	
kr	5 174
kr	8 915

### Chemical compound libraries

Library	No. of cmpds
Cambridge Cancer Compound Library (Selleckchem)	384
Prestwick FDA/EMA approved	1280
Enzo Target and Pathway libraries	549
Selleck Chem Bioactive compound library	987
Tocris known bioactives	1120
Kinase library	341
PPI (for protein-protein interactions)	1009
Enamine diversity collection	28500
ChemBridge diversity collection	17500

INTERNAL (UiO)	
unit cost (library)	
kr	3 838
kr	2 380
kr	2 118
kr	3 508
kr	2 094
kr	508
kr	914
kr	16 958
kr	10 115

EXTERNAL	
unit cost (library)	
kr	5 373
kr	3 332
kr	2 965
kr	4 911
kr	2 932
kr	711
kr	1 279
kr	23 741
kr	14 161

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>	

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	kr 16 384.00
kr 125.00	kr 2 000.00
kr 668.00	kr 10 688.00
	<b>kr 29 072.00</b>

EXTERNAL	
Price/unit	Cost
kr 717.00	kr 22 944.00
kr 175.00	kr 2 800.00
kr 935.00	kr 14 960.00
	<b>kr 40 704.00</b>

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

INTERNAL (UiO)	
Price/unit	Cost
kr 6 368.00	kr 12 736.00
kr 16 958.00	kr 16 958.00
	<b>kr 29 694.00</b>

EXTERNAL	
Price/unit	Cost
kr 8 915.00	kr 17 830.00
kr 23 741.00	kr 23 741.00
	<b>kr 41 571.00</b>

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

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	kr 36 864.00
kr 125.00	kr 2 250.00
kr 668.00	kr 36 072.00
	<b>kr 75 186.00</b>

EXTERNAL	
Price/unit	Cost
kr 717.00	kr 51 624.00
kr 175.00	kr 3 150.00
kr 935.00	kr 50 490.00
	<b>kr 105 264.00</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>	

INTERNAL (UiO)	
Price/unit	Cost
kr 6 368.00	kr 6 368.00
kr 512.00	kr 8 192.00
kr 125.00	kr 1 000.00
kr 668.00	kr 5 344.00
	<b>kr 20 904.00</b>

EXTERNAL	
Price/unit	Cost
kr 8 915.00	kr 8 915.00
kr 717.00	kr 11 472.00
kr 175.00	kr 1 400.00
kr 935.00	kr 7 480.00
	<b>kr 29 267.00</b>

Data analysis	Quantity
Staff hours	24

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	kr 12 288.00

EXTERNAL	
Price/unit	Cost
kr 717.00	kr 17 208.00

<b>Total (without assay plates and reagents)</b>	
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INTERNAL (UiO)	
	<b>kr 167 144.00</b>

EXTERNAL	
	<b>kr 234 014.00</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>	

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	kr 4 096.00
kr 125.00	kr 1 000.00
	<b>kr 5 096.00</b>

EXTERNAL	
Price/unit	Cost
kr 717.00	kr 5 736.00
kr 175.00	kr 1 400.00
	<b>kr 7 136.00</b>

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

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	kr 4 096.00
kr 125.00	kr 250.00
kr 668.00	kr 4 008.00
	<b>kr 8 354.00</b>

EXTERNAL	
Price/unit	Cost
kr 717.00	kr 5 736.00
kr 175.00	kr 350.00
kr 935.00	kr 5 610.00
	<b>kr 11 696.00</b>

Data analysis	Quantity
Staff hours	8

INTERNAL (UiO)	
Price/unit	Cost
kr 512.00	<b>kr 4 096.00</b>

EXTERNAL	
Price/unit	Cost
kr 717.00	<b>kr 5 736.00</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>	

INTERNAL (UiO)	
Price/unit	Cost
kr 3 838.00	kr 3 838.00
kr 4 018.00	kr 2 009.00
kr 82.68	kr 578.76
	kr 500.00
	<b>kr 6 925.76</b>

EXTERNAL	
Price/unit	Cost
kr 5 373.00	kr 5 373.00
kr 4 018.00	kr 2 009.00
kr 82.68	kr 578.76
	kr 500.00
	<b>kr 8 460.76</b>

<b>Total (excluding VAT)</b>	
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INTERNAL (UiO)	
	<b>kr 24 471.76</b>

EXTERNAL	
	<b>kr 33 028.76</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>	

INTERNAL (UiO)			
Price/unit		Cost	
kr	512.00	kr	512.00
kr	668.00	kr	668.00
kr	300.00	kr	4 500.00
kr	300.00	kr	300.00
		<b>kr</b>	<b>5 980.00</b>

EXTERNAL			
Price/unit		Cost	
kr	717.00	kr	717.00
kr	935.00	kr	935.00
kr	300.00	kr	4 500.00
kr	300.00	kr	300.00
		<b>kr</b>	<b>6 452.00</b>

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

INTERNAL (UiO)			
Total			
kr			3 200.00
kr			3 200.00
<b>kr</b>			<b>6 400.00</b>

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