

Small molecules
are no small matter.

MEGx

purified Natural Product
Screening Compounds
generated by **MEGAbolite®** technology

- The world's most sustainable collection of purified Natural Products
- Derived from plants (MEGxp) and microorganisms (MEGxm)
- Ready to screen for fastest hit-finding in Natural Product Drug Discovery
- Highest chance to de-orphanize your targets

MEGxm

Client
Collection

Analy
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BIOMATERIAL

Cultivation

Chemodivers

Scale

Isola

Ana



Structure E

- MEGx: The most time and cost-efficient way to perform Natural Product drug discovery campaigns
- Highest diversity available
- Derived from carefully selected plants and microorganisms
- Thousands of pure Natural Products from
Plants: MEGxp
Microorganisms: MEGxm

AnalytiCon
Connection

Supplier
Network

MEGxp

MATERIAL POOL

Extraction

Quality Profiling

Scale-up

Production

Analysis

Elucidation

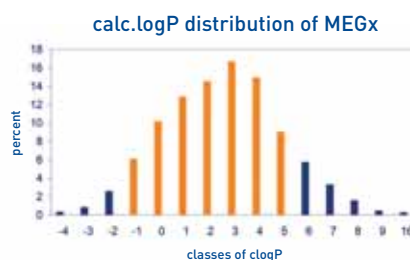
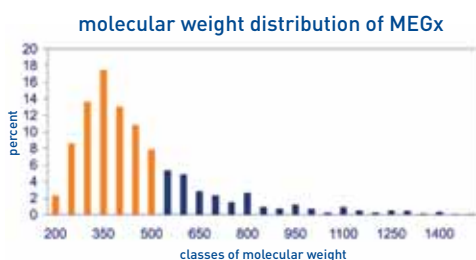


- Short-term resupply due to dried plant material repository and reliable strain storage
- SAR studies as well as Hit-to-Lead programs at AnalytiCon's or client's lab
- Scale-up of 100g+ amounts within 6-9 months
- Full discovery programs including required biology
- Production of exclusive libraries using client's biomaterials
- Production of focused libraries

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Compound Characteristics

- Purity > 85 %
- Identity confirmed by MS/NMR
- High flexibility regarding plate format
- Libraries from 0.5 mg to 50 mg
- Cherry picking invited



Follow-up Services for Bioactive Natural Products

- Resupply for hit confirmation
- Supply with analogs
- Derivatization program for early SAR
- Scale up
- Hit-to-lead programs