

Solubility Measurement as a Service (SMaaS)

based on the new Solvent Redistribution (SR) method

ORYL
Photonics



Minimal quantity

~2 μL stock solution
per solubility datapoint



Sensitive and accurate

<1 μM (MW < 500 Da) and
low error (std/mean < 5%)



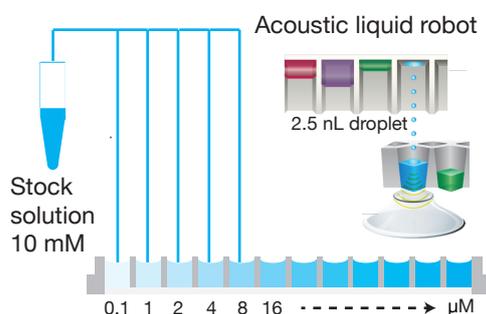
Rapid and high-throughput

1-100 ms read-time per well,
automated process

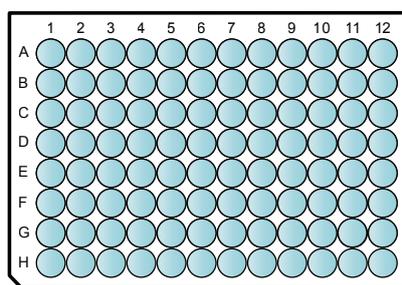
We help you **make an informed decision**, **accelerate your R&D** and **save valuable compounds** based on **accurate solubility data**

Automated High-Throughput Solubility Measurement Process

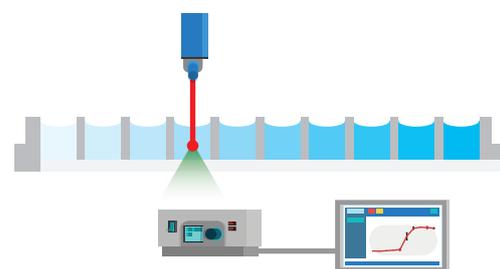
1. Direct transfer of solution



2. Addition of solvent



3. Direct screening and analysis



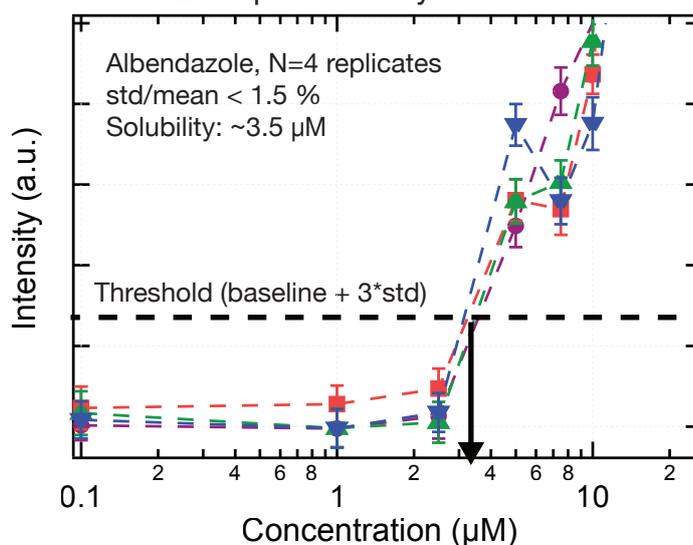
The Solvent Redistribution is based on high-efficiency second harmonic scattering (SHS):

- > Rapid, sensitive, and requires minimal quantity of compound
- > Fully automated process leading to robust and reproducible measurements
- > Wide application coverage (different samples, solvents, with excipients, biologically-relevant media)

Accelerate your drug discovery with
the world's first **rapid** and
sensitive solubility measurement
that **saves** valuable substances!

We are developing the future reference
for solubility measurement

Example solubility measurement



- > Reproducible baseline measurements
- > Straightforward data analysis
- > Sensitive and precise measurements

Are you looking to
characterize your compounds now?

More information at
<https://www.orylphotonics.com/smaas>

Contact Us
smaas@orylphotonics.com

Oryl Photonics SA
Avenue de Sévelin 28
1004 Lausanne