The PerkinElmer Registration application provides pharmaceutical, flavor and fragrance, and chemical companies a flexible, web-based platform to track compounds, mixtures and batches used in research and development. Essential features include:

- Out of the box integration with other PerkinElmer software applications, including E-Notebook, Inventory, and ChemBioViz.
- Component, Mixture and Batch Registration.
- Flexible naming for sequences and identifiers.
- Duplicate checking and web-based, chemically intelligent search forms.
- Extensible data model allowing any mission critical data to be captured.
- Flexible Salt/Solvate handling, including salt striping
- Chemical Normalization via integration with ChemScript.
- Extensible architecture allowing customized calculations and other data processing, including property calculation and name to structure.
- Virtual private registries via Oracle Row Level Security.

PerkinElmer’s Registration application allows companies to assign unique identifiers for specific compounds within their organizations for purposes of both materials management and research data management.
A registration system allows companies to operate more efficiently in areas from materials management to research, by linking supplies and experimental data to a single, common identifier. The use of specific compounds can better be tracked, and any resulting experimental data can easily be identified and extracted using a registration number. This allows companies to better use their resources and better plan their research activities based on previous experimental results.

The extensible data model provided with PerkinElmer’s Registration application allows any additional supporting information to be captured, such as chemical properties, structure to name or any other kind of manual or calculated result. Users can quickly search for compounds with specific characteristics within the Registration application, allowing lists screening candidates to be generated based on specific characteristics.

Conclusion
The PerkinElmer Registration application provides companies the tools to track compounds and batches within their organization. With the extensible data model and through configurable add-ins, Registration provides companies the flexibility to track chemical structures and any additional supporting data. This provides an accurate, searchable corporate record of compound, and a consistent identifier to use across the entire organizations for compounds.

For more information about the Registration application or any of our other software solutions, please contact your PerkinElmer representative or visit www.perkinelmer.com/informatics.