



Enabling Science



- ▶ **ActivityBase** – ‘Gold Standard’ Automated Test Management System
- ▶ **E-WorkBook** – Scientists’ Favourite Scientific Notebook\*
- ▶ **InforSense** – Sophisticated R&D Analytics and Visualizations
- ▶ Unique Translational Research and Biomarker Discovery Suite†
- ▶ Award winning consultancy services‡



\* Select Science Award 2008

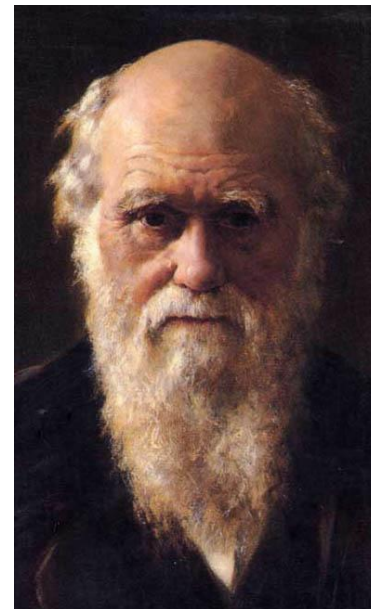
‡ Frost and Sullivan Healthcare Award 2008

† Gartner Cool Vendor 2009

# IDBS and Chemistry

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We have been providing chemistry solutions for our customers using IDBS and third party chemistry technology for more than 10 years.



# But this is a ChemAxon UGM ...

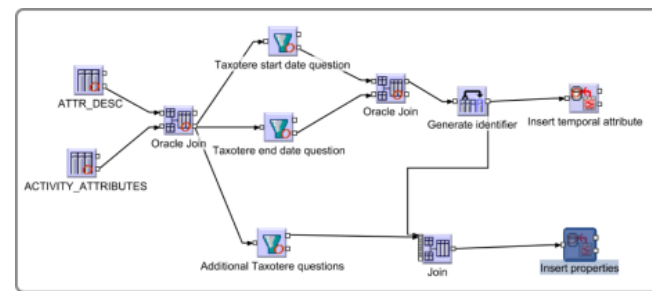


- ▶ We use ChemAxon technology in our E-WorkBook product

The screenshot shows the ChemAxon software interface. On the left is a Navigator pane with a tree view of folders like 'Analytical Chemistry', 'Database Definitions', and 'Chemistry projects'. The main window displays a reaction scheme for the synthesis of a nucleoside. Below the reaction scheme is a table titled 'Reaction Stoichiometry - Reactants'.

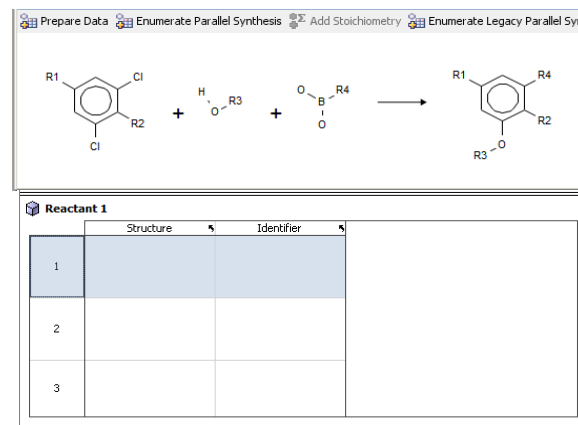
Reactant	Structure (S)	Name	Moles (S)	Mass/mol (D)PC/GE/Class (S)	Formula (K)Mol (D)A/Exp (S)	Shk (S)Supporting
Reactant 1		N-(4-pyrimidin-2-yl)benzamide	0.04254	10.20000 g	Yes	C12H9N5O2
Reactant 2		2,2'-bis(4-oxo-1,2,3,4-tetrahydropyrimidin-5-yl)propane-3-thiolbenzamide	0.02379	12.00000 g	No	C28H24N8O4S

- ▶ We use ChemAxon technology in our InforSense product



# E-WorkBook

- ▶ A solution for parallel synthesis integrating ChemAxon Reactor APIs



- ▶ “Spreadsheet” chemistry functions – structure to name

	Data1	Data2	Data3
B1		prop-2-enal	prop-2-enal
B2		O-methylpropan-1-olate	O-methylpropan-1-olate
B3		methylbenzene; propan-2-one	toluene
B5		benzene; cyclopenta-1,3-diene	benzene

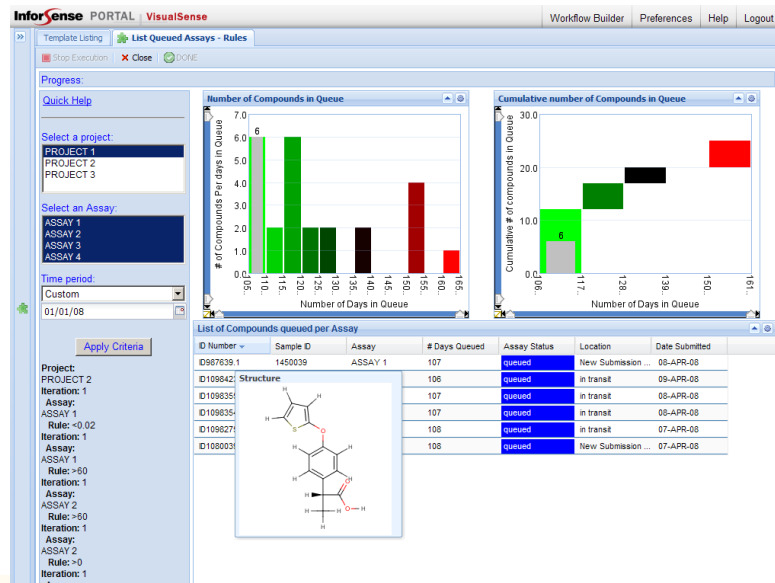
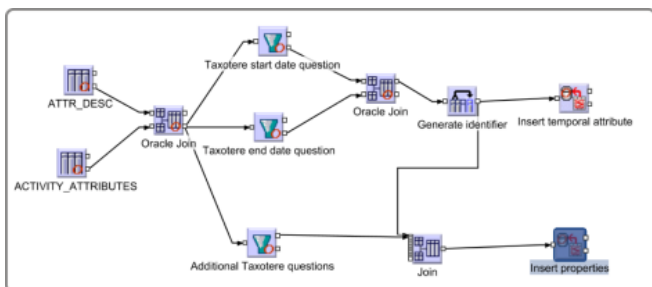
Function... = + \* / ^ ... : : ( ) In Skip [THIS] [FIRST] [PREV] [NEXT] [LAST] []

✓ 1. Data2 = structuretolupacname(Data1, "preferred")

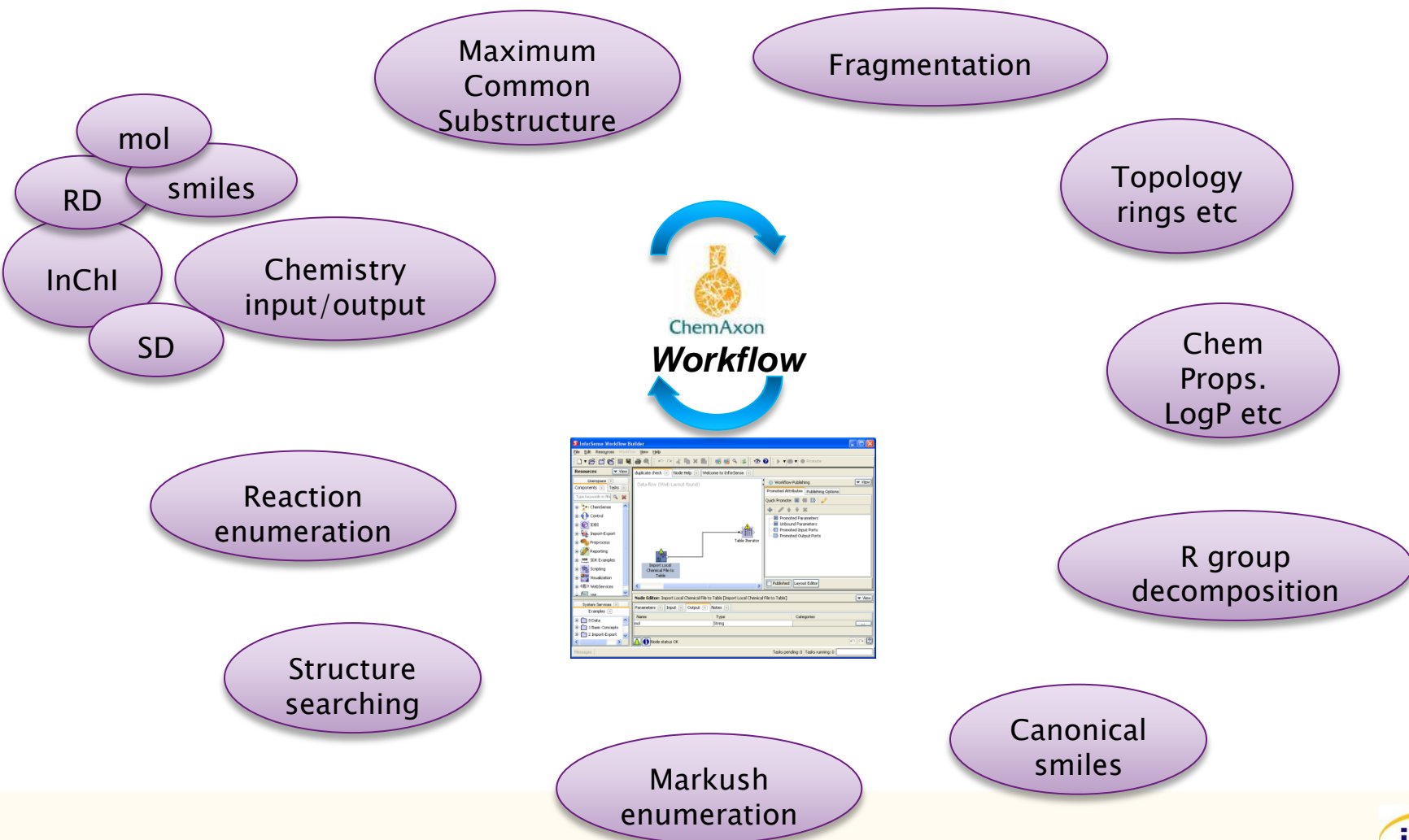
✓ 2. Data3 = structuretolupacname(Data1, "traditional", "single")

# InforSense

- ▶ It's not just another workflow engine with boxes and arrows
  - Workflow applications can be published to an integrated web portal
  - Provides interactive graphics and analytics



# InforSense



# Thank you

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Come and talk to us