

eNovator

Turning R&D knowledge into  
powerful results for government,  
industry and academia.



# Leverage your ECM for R&D activities

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VP – Implementation & Services**

**May 19<sup>th</sup>, 2010**



## Who is Kinematik?

- **In business for over 10 Years**
- **Originally an ELN vendor**
- **Now an R&D Solutions company**
- **Products built upon ECMs**
- **Knowledge Management ethos**
- **A holistic approach to R&D**



## What does an ECM provide?

- ✓ **Document Management**
  - ✓ **Collaboration**
- ✓ **Workflow**
  - ✓ **Digital Signatures**
- ✓ **Audits/Versioning**
  - ✓ **Metadata/Searching**



**So why isn't everyone using  
an ECM for an ELN?**



## What does an ECM NOT provide?

- ✗ Scientific Tools**
  - ✗ Domain Specific Tools**
- ✗ Inventory/Resource Management**
  - ✗ Experiment IP Protection**
- ✗ R&D Support Systems**
  - ✗ Context**



## Implicit reasons?

- x System ownership**
  - x Rigid structures and permissions**
- x Report generation**
  - x Integration to equipment**
- x Structure data exporting**



## What KineMatik provides – the eNovator Suite

- ✓ **Electronic Laboratory Notebook**
  - ✓ **Program & Project Management**
- ✓ **Quality Management System**
  - ✓ **Learning Management System**
- ✓ **Resource Management System**



Experiment Workspace:  
09 - Aaron Norman (anorma...)



Search eNovator for

Personal  Enterprise  Tools  Help

Enterprise > ELN Library > Active > 09 - 004 Synthesis of Sub... > Planning > 09 - Aaron Norman (anorma... > Planning

Browse Drag & Drop

**Table of Contents**

- 09 - Aaron Norman (anorman)
  - My Chemical Structure
  - 200px-DNA\_Agarose\_Gel\_Electrophoresis.jpg
  - Abstract
    - Pyrrole\_Abstract.pdf
    - Table 2.xls
    - Pyrrole Synthesis.html
  - Conclusion
    - 01LCMS.gif
    - eNovator, leveraging the power of chemistry
    - KSF\_Synthesis.gif
    - Table\_1[1]\_KSF-11.pdf
    - Section 1.html
    - Section 2.html
    - ScreenHunter\_19-Oct-2009.png
  - Introduction
    - logo swirl only.
    - New Chemical Structure
    - Iodine\_Catalysed Synthesis of 2-Substituted Pyrroles
    - vgh,l
    - New eNote
    - New Spreadsheet
    - eNovator, leverage the power of chemistry
  - Results
    - ScreenHunter\_19-Oct-2009.png
    - <sup>1</sup>H NMR.html
    - Table\_1[1]\_KSF-Me.pdf
    - Staging Folder
    - New eNote
    - wqerty
    - Background PCR.doc
    - Blank Excel wUnistat.xls
    - New Compound Document
    - New Discussion

09 - Aaron Norman (anorman) - 009 Simple Synthesis of Substituted Pyrroles  Size: Modified: 2009-Dec-08 06:57

Name:	09 - Aaron Norman (anorman) - 009 Simple Synthesis of Substituted Pyrroles		
Created:	2009-Oct-23 14:09	Created By:	Aaron Norman (anorman)
State:	Planning	Modified:	2009-Dec-08 06:57
Description:			

References

Type	Name	Created	Created By	Location
	Simple Synthesis of Substituted Pyrroles shortcut	2009-Oct-23 14:21	Aaron Norman (anorman)	09 - Aaron Norman (anorman) - 006 Development of Synthesis Steps

My Chemical Structure  Size: 0 Items Modified: 2010-Jan-06 15:33



Chemical Terms expression:

200px-DNA\_Agarose\_Gel\_Electrophoresis.jpg    Size: 11 KB Modified: 2010-Jan-15 10:57

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## Integration Enhancements

**Cartridge**



**Web services**

**Smiles**



**Any structure type**



Search

Templates

### Advanced Options:

- Full Text ?
- [Natural Language Query](#) ?
- [Scope](#) ?
- [System Attributes](#) ?
- [Categories...](#) ?
- [XML Types...](#) ?
- [Classifications](#) ?
- [Browse eNovator](#) ?
- eNovator Chemical Search ?

### Full Text

Look For:  Modifier:  Within:

### Chemical Structure

Search Type:

Formula:   MolWeight:

Return non-hits (reverse-result)

File Edit View Insert Atom Bond Structure Tools Help

The image shows a chemical structure editor interface. At the top is a menu bar with options: File, Edit, View, Insert, Atom, Bond, Structure, Tools, and Help. Below the menu bar is a toolbar containing various icons for editing and drawing, including a selection tool, a blue eraser, undo and redo arrows, a scissors icon for cutting, a clipboard icon, and two magnifying glass icons for zooming. A zoom level dropdown is set to 100%. To the right of the toolbar is a vertical palette with buttons for adding atoms: H, C, N, O, S, and F. On the left side of the editor, there are buttons for adding bonds and rings, including a dropdown menu for bond types and a button for adding a ring.



## Future work

**Reactor**



**via web services**

**SharePoint**

**Registration**

**Work more closely with Resource Management**



## Questions

eNovator

Turning R&D knowledge into powerful results for government, industry and academia.



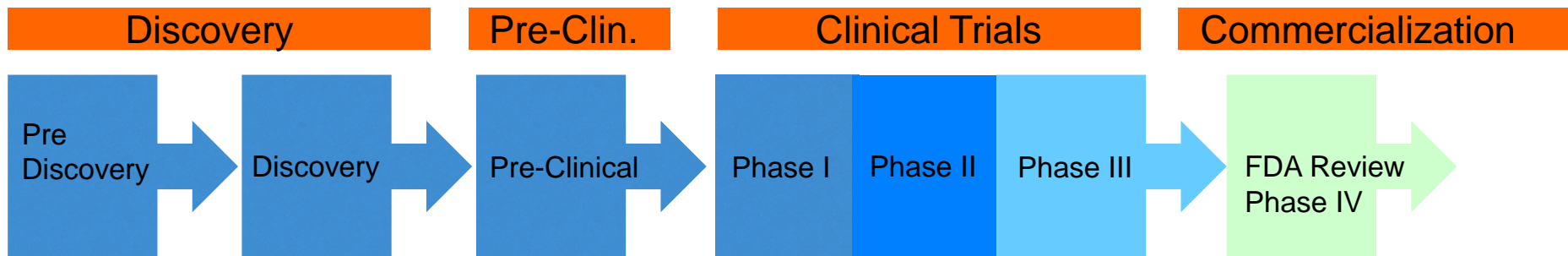
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# A Differentiated Value Proposition Throughout the Product Dev. Lifecycle



## KineMatik

*Innovation Starts Here!*

Web based  
Integrated Modular Stack





## What KineMatik provides – the eNovator Suite

The screenshot displays the eNovator Suite interface. On the left, a 'Bookmarks' sidebar lists document sections: Table of Contents, 09 - Aaron Norman (anorman) - 009 Simple Synthesis of Substituted Pyrroles, 200px-DNA\_Agarose\_Gel\_Electrophor.jpg, Abstract, Pyrrole Synthesis.html, Pyrrole\_Synthesis.html, Pyrrole\_Abstract.pdf, Pyrrole\_Abstract.pdf, Conclusion, 01LCMS.gif, KSF\_Synthesis.gif, and Table\_1[1].\_KSF-Mediated\_Synthesis\_of\_Pyrrole.gif. The main content area shows the document title '09 - Aaron Norman (anorman) - 009 Simple Synthesis of Substituted Pyrroles' and the eNovator logo. Metadata is displayed as follows:


Generated On: 2009-Dec-08 13:58  
Generated By: anorman  
Powered by eNovator Publisher

General	
Attribute Name	Value
Name	09 - Aaron Norman (anorman) - 009 Simple Synthesis of Substituted Pyrroles
Description	
Created By	Aaron Norman (anorman)
SubType	Experiment
Created Date	2009-Oct-23 09:09
Modified Date	2009-Dec-08 01:57
Link	<a href="http://demo3.kinematik.com:80/enovator/livelink.exe?func=ll&amp;objId=67895&amp;objAction=open">"http://demo3.kinematik.com:80/enovator/livelink.exe?func=ll&amp;objId=67895&amp;objAction=open"</a>
State	Planning
Start Date	2009-Oct-23
Finish Date	

Below the table, a 'References' section is partially visible.



# What KineMatik provides – the eNovator Suite



Resources:  
ECBC



Thursday, 05/13/2010 06:26 PM GMT Daylight Time  
Welcome Aaron Norman



Search eNovator for  Laboratory ▾ eNovator Office ▾ Personal ▾ Enterprise ▾ Tools ▾ Help ▾

Open Print Version
 Show / Hide Views
 Add Equipment Type
 Add Material Type

**Resource Type:**  All  Equipment Only  Material Only

**Search By:**

Name:

Resource Role:  [Select Resource Role](#)

Classification:  [Select Classification](#)

**Detail View**

Copy
 Move
 Delete
 Print Label

Type	Name	Classification	Size	Modified
	1000 Bacillus anthracis	Antibody	10 Items	09/17/2009 06:45 AM
	1001 BG	Antibody	0 Items	09/17/2009 06:33 AM
	1002 BOT	Antibody	0 Items	09/17/2009 06:35 AM
	1003 Brucella	Antibody	0 Items	09/17/2009 06:37 AM
	1004 DEMO	Antibody	3 Items	09/17/2009 08:28 AM
	1005 New Material	Demo	0 Items	09/17/2009 08:34 AM
	Dionex-ABI IC-MS/MS-246	General Equipment Classification	9 Items	09/04/2009 06:29 PM
	XRD-209	General Equipment Classification	5 Items	09/04/2009 06:25 PM