

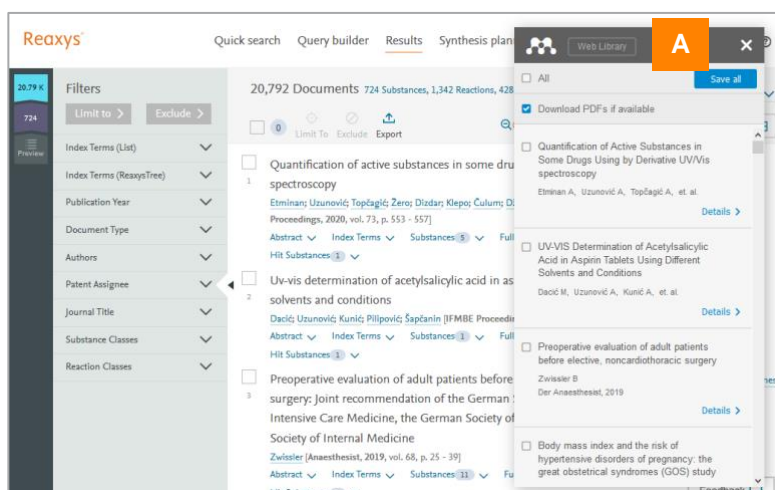
Reaxys release for August 2019

To ensure the best user experience for researchers, the Reaxys development team has implemented a range of new features to make it easier to import information to their Mendeley reference library, construct searches, filter results; gain deeper insight into physicochemical and pharmacological properties, and export selected datapoints from Reaxys.

Mendeley® Web Importer is now enabled on Reaxys

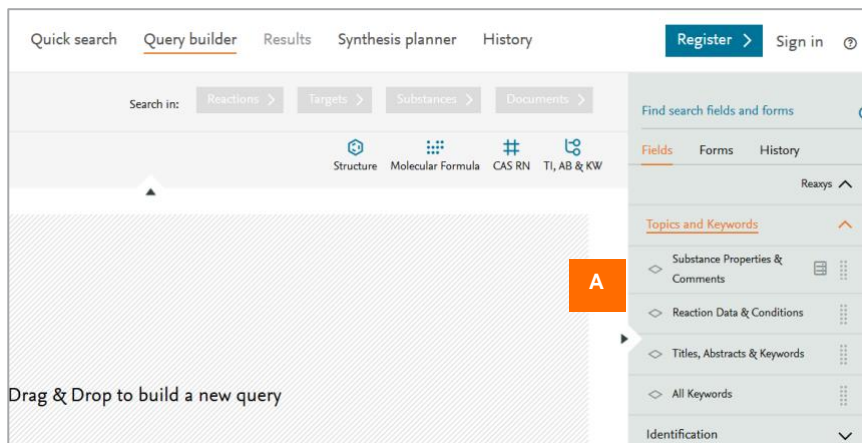
Mendeley is a free reference manager and academic social network that can help you organize your research, collaborate with others online, and even discover the latest research. Mendeley Web Importer (A) helps you import papers, web pages and other documents directly into your Mendeley reference library from search engines and academic databases. Mendeley Web Importer is available for all major web browsers.

This convenient feature is now enabled on Reaxys, supporting the easy import of document result lists from Reaxys to Mendeley. You can download Mendeley Web Importer [here](#).



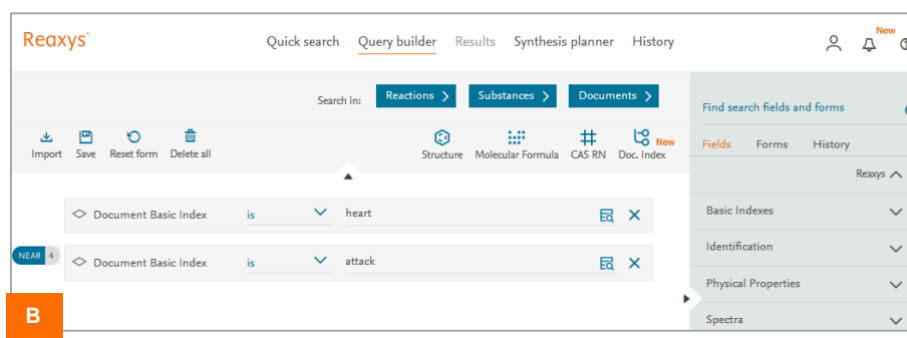
New Basic Index names support search construction

To ensure that all users, new and experienced, can find the powerful search querylets in **Query Builder**, we've renamed some of them with more descriptive names. The former Basic Indexes are now named *Substance Properties & Comments*; *Reaction Data & Conditions*; *Titles, Abstracts & Keywords (TI, AB & KW)*; and *All Keywords (A)*.

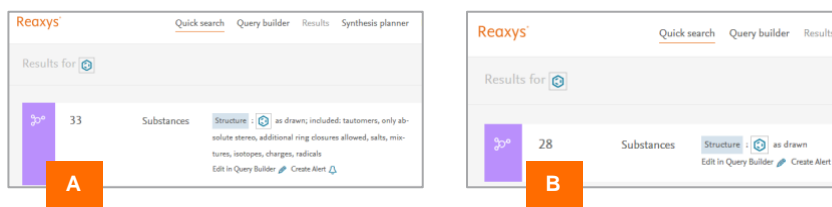


NEAR and NEXT operators can be modified with search distance

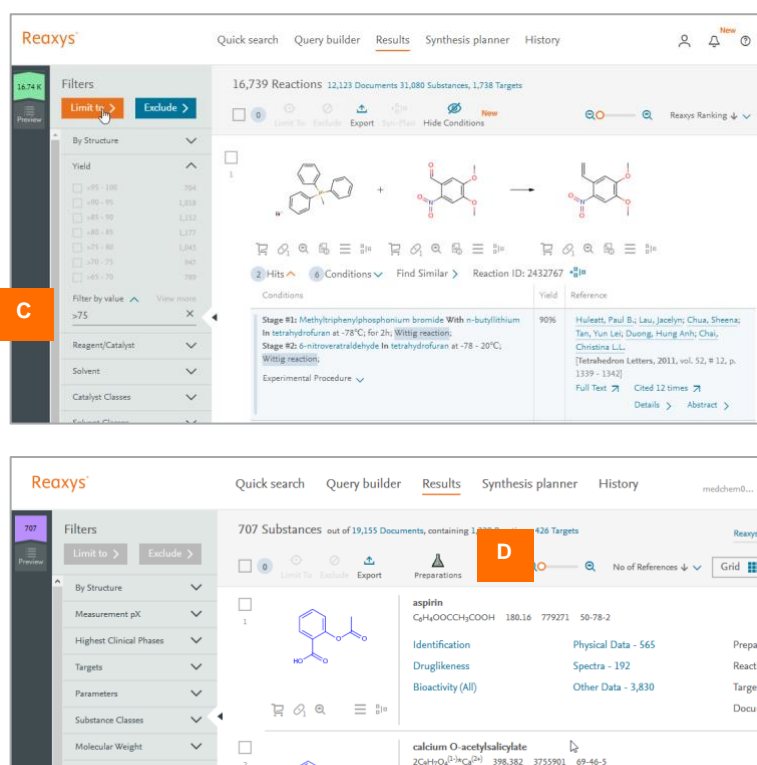
To construct an efficient search, you sometimes need to modify the search distance between terms connected by the Boolean operators NEAR and NEXT. To make this as easy as possible, we've added a new operator feature (B). It shows the current search distance between the connected terms and can be clicked to change that distance.



After discussion with users, we have changed the structure query default to *Tautomers included*. Users feel this is more useful, ensuring that they see all the results for structures containing tautomeric groups (A). As with any default setting, it is possible to deselect it, in which case the query will yield results only for the structure exactly as drawn (B).



Reaxys now supports numerical range (>, - or <) filtering, providing greater flexibility (C). To facilitate quick retrieval of all preparation information from a substance result set, we have added a header button for one-click filtering (D).



Concomitant and metabolite details have been added to property entries for druglike substances

Reaxys has always delivered details on concomitants and metabolites for druglike substances, but it was previously only visible in exported data sets. We have now added these details to each property entry for which they are available and relevant (A).

pK	Parameter	Value (qual)	Value (quant)	Unit	Action on target	Target	Tissue/Origin	Cell	Cell fraction	Substrate / Carried Molecule	Dose	Reference	Concomitants	Metabolites
5.02	(accumulation)					protein 1 [human]wild		HLA cell line				Uonovan, Jennifer L.; Uonovan, L. Lindsey; Journal of Clinical Pharmacology , 2006, vol. 187, # 4, p. 415 - 423 Full Text ↗ Cited 95 times ↗ Details > Abstract >		
5.02	IC50	6	μM			Aldehyde oxidase [human]wild	liver		Cytosol	Phthalazine		Obach, R. Scott; Huynh, Phuong; Allen, Mary C.; Beedham, Christina; Journal of Clinical Pharmacology , 2004, vol. 44, # 1, p. 7 - 19 Full Text ↗ Cited 124 times ↗ Details > Abstract >	Substrate: Phthalazine; Solvent: DMSO; Other compound: EDTA;	1-Phthalazinone

This facilitates quick review of these additional details to establish the relevance of the substance and property information to the experiment at hand.

Descriptive text in the *Parameter* column of property entries adds important information

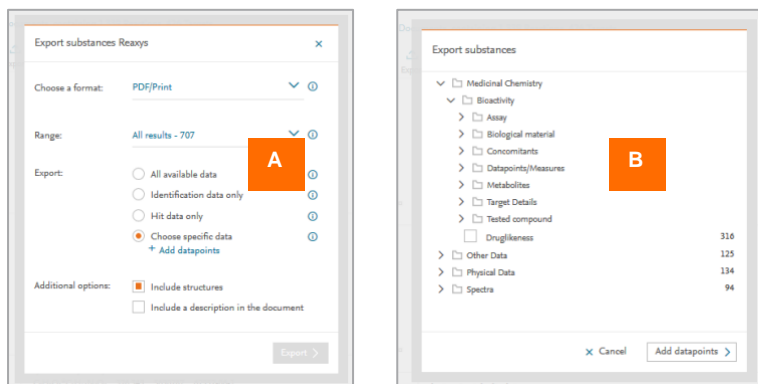
Property entries for druglike substances in Reaxys now include additional descriptive text in the *Parameter* column (B). This text succinctly describes what was measured during an assay or experiment, adding to the value of the entry. You can now more easily determine whether the measured parameter is relevant to your research question and experimental planning. Three examples are shown below.

B

pK	Parameter	Value (qual)	Value (quant)	Unit	Biological Species	Animal Model	Route of administration	Dose	Dosing regimen	Effect	Reference
5	inhibition rate (Mast cell degranulation)	Active			C57BL/6-tg (TRAMP) 8247Ng/J mouse			10 μmol/l			Jachetti, Elena; Rigoni, Alice; Bongiovanni, Lucia; [Molecular Cancer Therapeutics, 2017, vol. 16, # 2 Full Text ↗ Cited 3 times ↗ Details > Abstract >
1	percentage change (Social interaction)	Not active			Institute for Cancer Research mouse	phencyclidine-induced schizophrenia	oral administration	0.3 - 1 mg/kg		anti-schizophrenic agent	Takeuchi, Saori; Hida, Hirotake; Uchida, Mizuki; Naru Noda, Yukihiko[Neurochemistry International, 2019, vol. 168, # 1 Full Text ↗ Details > Abstract >
	ED50 (that reduced the number of vacuolated neurones to 50% of the value in control animals) - show less				0.6	mg/kg	Sprague Dawley rat	experimental brain injury	intraperitoneal administration	Single	Olney, Jol Full Text ↗

A new *Export* setting makes it easier to select multiple datapoints for export

To make it easier to select multiple datapoints for export from Reaxys, we've changed the view from a dropdown (A) to a hierarchical tree view (B). This facilitates navigation of the data fields and selection of exactly which datapoints you need.



A new *Remember position* setting makes navigation through result sets easier

Users sometimes found it challenging to navigate back to the previous state in the pages of a result set. We have now changed the settings so that Reaxys always remembers and presents the last status of a given result page when the user navigates back to it.

For more information, please visit elsevier.com/reaxys.