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## STN Database Summary Sheet

**CROPR**, the **Derwent Crop Protection Registry**, is a chemical registry database that is a companion to the Derwent Crop Protection File (CROPU). Each record lists the biological activity and chemical substructure characteristics of an individual compound. The database may be used as a stand-alone file for structure-activity searching, e.g., to generate a list of compounds with a particular structural feature, which share a common activity. Compounds selected can then be cross-file searched in the CROPU to find the bibliographic information and abstracts.

Records contain Derwent crop registry and crop protection names, substructure codes, and Enzyme Commission Numbers.

### Subject Coverage

– Compounds that have appeared at least twice in the Derwent Crop Protection File

### Sources

– 1,100 scientific journals and conference proceedings      – Patents from 1996 to the present

### File Data

– 1985 to the present      – Automatic current-awareness searches (SDIs) are not  
– More than 12,056 substance records (7/08) available      – Updated twice a year

### User Aids

– Journal List and Selection Guidelines (available from the producer)  
– Derwent Crop Protection File Thesaurus (available from the producer)      – Online Helps (HELP DIRECTORY lists all help messages available)  
– STNGUIDE

### Database Producer/Supplier

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**CROPR****Search and Display Field Codes**

There are no fields that allow left truncation in this file.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the controlled term (CT), Derwent crop registry (DCRN) and crop protection (DCPN) names, and substructure term (SS) fields, as well as Enzyme Commission Numbers (EC))	None (or /BI)	S INSECT-ANTIFEEDANT# S SENKIRKIN# S C! CHAIN S EC-1.1.3.6	CT, DCPN, DCRN, EC, SS
Accession Number Controlled Term (pharmacology terms) Derwent Crop Protection Name Derwent Crop Registry Name <b>(1)</b> Entry Date <b>(2)</b> Enzyme Commission Number Multipunch Codes <b>(3)</b> (limited by roles) Substructure Term	/AN /CT  /DCPN /DCRN /ED (or /UP) /EC /MPC  /SS	S 7196/AN S INSECT-GROWTH-REGULATORS/CT  S METHYL-ROCAGLATE/DCPN S MEROCAGLA/DCRN S ED>=JAN, 1997  S EC-3.2.1.14/EC S 052 06- 07-/MPC S 02-*G/MPC S PHENOL-ETHER/SS	AN CT  DCPN DCRN Not displayed  CT, EC MPC  SS

**(1)** For file crossover to the bibliographic file CROPU, SELECT DCRN. Then enter CROPU and search the resulting E-numbers.

**(2)** Numeric search field that may be searched using numeric operators or ranges.

**(3)** Search with implied (L) proximity is available in this field. There are 4 roles to limit the search for codes: G General Chemical Codes, P Peptide Codes, PI Physical and Inorganic Codes, S Steroid Codes.

## DISPLAY and PRINT Formats

Any combination of display formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 DCPN DCRN. The fields are displayed in the order requested.

Hit-term highlighting is available in all fields. Highlighting must be on during SEARCH in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AN (1) CT (1) DCPN DCRN EC (1) MPC (1) SS (1)	Accession Number Controlled Term (includes EC) Derwent Crop Protection Name Derwent Crop Registry Name Enzyme Commission Number Multipunch Code Substructure Term	D AN D CT D DCPN D DCRN D EC D MPC D SS
ALL (MAX)  IALL IND (1) TRIAL (TRI, SAM) (1)	AN, DCRN, DCPN, CT, SS, MPC (ALL is default)  AN, DCRN, DCPN, CT, SS, MPC AN, CT, SS, MPC AN, SS	D 3 ALL D D IALL D 1- IND D 1,5 TRIAL
HIT KWIC OCC (1)	Fields containing hit terms Hit terms with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D 1 5 10 HIT D KWIC D OCC

(1) No online display fee for this format.

## SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers or an L-number containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Accession Number	AN	Y	N
Controlled Term	CT	Y	Y
Derwent Crop Protection Name	DCPN	Y	Y
Derwent Crop Registry Name	DCRN	Y	Y
Enzyme Commission Number	EC	Y	Y
Multipunch Code	MPC	Y	N
Occurrence Count of Hit Terms	OCC	N	Y
Substructure Term	SS	Y	N

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT SS.

**CROPR****Sample Records****DISPLAY ALL**

AN 7192 CROPR  
 DCRN SENKIRKIN  
 DCPN SENKIRKINE  
 CT INSECT-ANTIFEEDANTS  
 SS ALKALOID; AZOCINE; DIOXACYCLODODECANE; DIOXAZACYCLOHEXADECANE;  
 BRIDGE-STRUCT.; MACROCYCLE; LACTONE; KETONE,CYCLIC; OLEFIN; ALCOHOL  
 MPC 02- \*G; 052 \*G; 06- \*G; 068 \*G; 07- \*G; 071 \*G; 076 \*G; 078 \*G; 081  
 \*G; 084 \*G; 10- \*G; 100 \*G; 106 \*G; 109 \*G; 11-\*G; 12& \*G; 12-\*G;  
 122 \*G; 133 \*G; 14- \*G; 156 \*G; 164 \*G; 18-\*G; 181 \*G; 25& \*G; 25-  
 \*G; 250 \*G; 253 \*G; 254 \*G; 257 \*G

**DISPLAY IALL**

ACCESSION NUMBER: 8601 CROPR  
 DERWENT CROP REGISTRY NAME: CHOLESTOX  
 DERWENT CROP NAME: CHOLESTEROL-OXIDASE  
 CONTROLLED TERM: INSECTICIDES; ENZYMES; EC-1.1.3.6  
 SUBSTRUCTURE TERM: PROTEIN  
 MULTIPUNCH CODE: 011 \*G

**DISPLAY IND**

AN 9043 CROPR  
 CT INSECT-ANTIFEEDANTS  
 SS STEROID; PYRAN; OXIRANE; COND.RING; LACTONE; KETONE,CYCLIC;  
 POLYALCOHOL; OLEFIN  
 MPC 01& \*S; 01- \*S; 023 \*S; 043 \*S; 045 \*S; 049 \*S; 062 \*S; 07-\*S; 070  
 \*S; 076 \*S; 080 \*S; 088 \*S; 090 \*S; 093 \*S; 094 \*S; 100 \*S; 103 \*S;  
 105 \*S; 109 \*S; 12& \*S; 13& \*S; 15& \*S; 151 \*S; 152 \*S; 154 \*S; 157  
 \*S; 158 \*S; 159 \*S; 161 \*S; 165 \*S; 166 \*S; 167 \*S; 169 \*S; 181 \*S;  
 25- \*S; 250 \*S; 254 \*S; 257 \*S

**DISPLAY TRIAL**

AN 9014 CROPR  
 SS STEROID; FURAN; AH-LINKED-CC; PYRAN; OXOCIN; OXIRANE; COND.RING;  
 BRIDGE-STRUCT.; KETONE,CYCLIC; C-ESTER; FATTY-ACID; POLYALCOHOL