

## Revision of DWPI Fragmentation Codes in 2015

The DWPI Section P Fragmentation codes, covering pharmaceutical and agrochemical activity, have been revised and enhanced starting with DWPI update 201501. The revision incorporates 65 new codes suggested by customers and DWPI Editorial Analysts, and includes new specific codes in existing hierarchies, plus codes for new areas that have become important since the last code revision.

### Examples of new Fragmentation Codes

P213	Anti-retrovirus
P618	Anti-cholesterol
P902	Osteoporosis
P951	Prion disease
P960	Personalised medicine

The Section P Fragmentation Codes are valuable to DWPI subscribers as they specifically link the activity concepts to the DWPI chemical indexing for a substance. This includes links to structural Fragmentation Codes, DCR Numbers, Markush Compound Numbers and Ring Index Numbers. These links offer enhanced search accuracy compared to DWPI Manual Codes and other classification systems.

For example, below are searches for specific activities of the drug olanzapine (STN classic).

### Search Examples: Refining structure searches with new fragmentation codes

=> S E850/M2 (P) P625/M2	E850 = thienobenzodiazepine fused heterocycle P625 = hormone active drug
=> S DCR-111168/DCR (P) P451/M2	DCR-111168 = DCR number for olanzapine P451 = antidepressant
=> S 46639/RIN (P) P444/M2	46639 = Ring Index Number for the thienobenzodiazepine fused heterocycle P444 = anti-parkinson drug

Similar links exist for other non-structural fragmentation code sections e.g. Section Q General Chemistry uses.

No new time range code has been introduced for this revision as it does not affect the structural fragmentation codes. The new codes are valid from DWPI update 201501 onwards only, i.e. not indexed into the backfile of DWPI. Users can use the RANGE feature of STN to ensure that the correct codes are used in appropriate time ranges. For example a search for osteoarthritis would be (STN classic):

=> **FIL WPIX**

=> **S P424/M0,M1,M2,M3,M4,M5,M6**

L1           7 P424/M0,M1,M2,M3,M4,M5,M6

P424 – new fragmentation code  
for osteoarthritis from 2015

=> **S P421/M0,M1,M2,M3,M4,M5,M6 RANGE=-2014**

L2    52645 P421/M0,M1,M2,M3,M4,M5,M6

P421 – generic code for  
antiarthritic for pre-2015

=> **S L1 OR L2**

## Further Documentation

- An updated code chart showing the complete set of Section P Fragmentation codes. Codes introduced in 2015 are marked in purple type:  
[Section P Fragmentation Codes Chart 2015](#)  
[www.stn-international.de/fileadmin/be\\_user/STN/pdf/search\\_materials/patents/P\\_Frag\\_Codes\\_All\\_2015.pdf](http://www.stn-international.de/fileadmin/be_user/STN/pdf/search_materials/patents/P_Frag_Codes_All_2015.pdf)
- A list of the new and amended codes for 2015:  
[Section P Fragmentation Codes – New & Amended 2015](#)  
[www.stn-international.de/fileadmin/be\\_user/STN/pdf/search\\_materials/patents/P\\_Frag\\_Codes\\_New\\_2015.pdf](http://www.stn-international.de/fileadmin/be_user/STN/pdf/search_materials/patents/P_Frag_Codes_New_2015.pdf)
- A complete list of the Section P Fragmentation codes, including all new, existing and discontinued codes:  
[Section P Fragmentation Codes – Complete List](#)  
[www.stn-international.de/fileadmin/be\\_user/STN/pdf/search\\_materials/patents/P\\_Frag\\_Codes\\_Chart\\_2015.pdf](http://www.stn-international.de/fileadmin/be_user/STN/pdf/search_materials/patents/P_Frag_Codes_Chart_2015.pdf)