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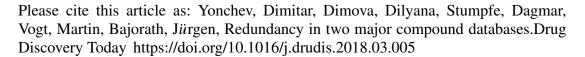
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Redundancy in two major compound databases

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Highlights:

- Public compound databases are of particular relevance for drug discovery research
- Crosstalk between databases is desirable but also leads to redundancy
- ChEMBL and PubChem contain large numbers of shared compounds and activity records
- More than half of the 14.7 million activities in ChEMBL originate from PubChem
- More than 99% of the 1.25 million assays in PubChem are imported from ChEMBL
- Data exchange requires a high level of transparency

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