

GSRS Development Update

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Agenda

High Level GSRS Core Status

- 2.4 Release
- spotlite migration
- G-SRS 3.0 technology upgrade
- Resource Updates

GSRS Release Status

- GSRS FDA Production Releases
 - 2.3.7 - June 2019
- Upcoming GSRS FDA Releases
 - 2.4 - scheduled for late Oct 2019
 - 3.0 development - Spring 2020

GSRS 2.4 Release Update

Updates available in the 2.4 public release

- Substructure Search now includes Polymers
- Calls to underlying chemical library have been refactored to allow for future swapping out at runtime.
- Structure Rendering improvements including bracket and S group support
- new Angular BETA UI
- Migrated Bookmarklets and other Powertools to UI
- Bug fixes, additional validation rules
- API improvements
 - URLs now have full UUIDs instead of just first 8 chars
 - ID resolvers for other names

Advanced Functions in Edit Mode

Advanced functions ▾

- Standardize names
- Reset definitional References
- Set definition to private
- Set definition to public
- Restore SRU amounts from previous version
- Change substance class
- Set status to pending
- Set status to approved
- Merge and deprecate subconcept record
- Un-approve record (Remove approval ID)
- Change approval ID
- Add a fragment to CV
- Switch primary with alternative definition

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GIT Code Repository Migration to GitHub



The Current GIT repository server
<https://spotlite.nih.gov/ncats/inxight>
is being decommissioned by NCATS.



We will move to github in November 2020

spotlite server will stay up in read only mode for a brief period to allow for smoother transition.

We will send out instructions for how to repoint local repositories in November

Beta UI

G-SRS



Search




Record Status
Substance Type
Source Tag
Relationships
Code System
ATC Level 1
ATC Level 2
ATC Level 3
ATC Level 4
Moiety Type
Molecular Weight
Stereochemistry
Record Level Access
Display Name Level Access
Definition Level Access
Protein Type

Sort By
Most References

Items per page: 10

1 - 10 of 105057

BLACK COHOSH



Names:

CIMICIFUGA RACEMOSA ROOT WITH RHIZOME
KLIMADYNON
BLACK COHOSH [DSC]
CIMICIFUGA RACEMOSA [WHO-DD]
BLACK BUGBANE ROOT

Codes:

EVMPPD: SUB13372MIG, SUB126363, SUB13370MIG, SUB128055
NCL_THESAURUS: [C1505](#), [C26647](#)
LIVERTOX: [115](#)
MERCK INDEX: [M2583](#)
EMA ASSESSMENT REPORTS: [CIMICIFUGA \(FINALIZED\)](#)

Relationships:

65

Part:

RHIZOME, ROOT

Created:

4/3/19

Status:

Validated (UNII)

Last Modified:

4/3/19

Version:

64

Created:

9/9/19

Status:

pending


Last Modified:

9/9/19

Version:


44

ALTERNATIVE DEFINITION for [EDOTREOTIDE]



Relationships:

1


National Center
for Advancing
Translational Sciences

9

GSRS 3.0

Technology Upgrade

Backend Upgraded to latest Industry Standards

	2.x	3.0
Java version	7/8	11
Framework	Play 2.3	Spring-boot 2.2
ORM	Ebean	Hibernate
dependency management	manual global state	dependency injection

Resource Updates

- Update to the Swagger Documentation
- User Guide
- Data Dictionary
- JSON Schema

User Guide for Registration

Metabolite relationships always link to active moiety/prodrug. The relationship options between metabolites and the active moiety/prodrug are:

- Active
- Active → (as) Parent
- Active → Prodrug
- Inactive → Parent
- Less Active → Parent
- → Parent (unknown)
- Toxic → Parent (without any activation)
- Reactive Type → Parent
 - o Those should be covalently bind to proteins and nucleic acids for the toxicity

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2952084/>

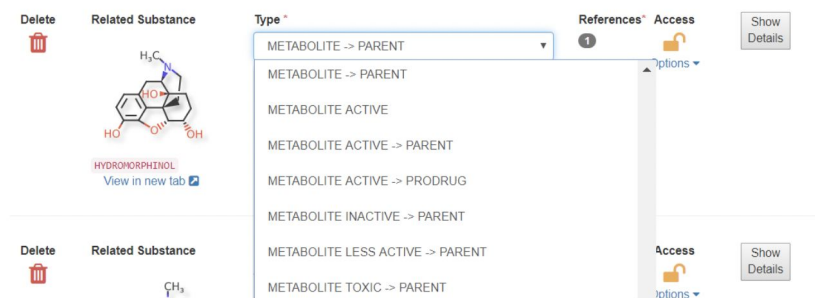


Figure 31 - Register Chemical - Relationships - Metabolite Types

Example: Noroxymorphone is an active metabolite of oxycodone.

1. Edit Oxycodone
2. In the Relationships card, click Add another relationship
3. In Related Substance, search and select "Noroxymorphone"
4. For Type, select "METABOLITE ACTIVE -> PARENT"
5. [Add a Reference](#) -- a reference is required. If references already exist, you can select an existing reference or Add a Reference



<https://tripod.nih.gov/ginas/#/release>

Releases

The Ginas Project 

Release Notes

G-SRS v2.3.3 (February 25, 2019)

Download with data



G-SRS v2.3.3

Download software only



G-SRS v2.3.3

Download sample data



test data

Disclaimer:

The data provided is test data from an incomplete migration of public data from the FDA and other sources. While efforts are made to continually improve the quality of the data presented in the seed data set, it is neither complete nor validated at this time. It serves as example data only. If you spot an error, please [let us know](#).

Other Downloads

- [Ginas Excel Tools](#)
- [Full Public Data Dump](#)
- [GSRS Data Dictionary](#)
- [GSRS JSON schema](#)

Quick Links

- [System Requirements](#)
- [Installation Instructions](#)
- [Database Connection](#)
- [User Registration](#)
- [Data Loading](#)
- [Questions](#)

Thank you

Collaborator Slack channel (ask us to add you)

<https://gsrscollaborator.slack.com>