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Report

LS What information is available about Imatinib in DGIdb?

L get_drug_info

Here's the information available about **Imatinib** in DGIdb:

Basic Information

- **Concept ID:** rxcui:282388
- **FDA Approved:** Yes
- **Year of Approval:** 2001
- **Immunotherapy:** No
- **Anti-Neoplastic:** Yes

Drug Classes

Imatinib is classified as:

- BCR-ABL inhibitor (1st generation)
- KIT inhibitor
- MEK inhibitor
- Kinase inhibitor
- Protein kinase inhibitor (antineoplastic)
- Small molecule

Indication

- Antineoplastic agent

Approval Ratings by Source

Source	Rating
RxNorm	Prescribable
HemOnc	Approved
Drugs@FDA	Prescription / Discontinued (some formulations)
ChEMBL	Max Phase 4
TdgClinicalTrial	Approved

Imatinib is a landmark tyrosine kinase inhibitor, best known for revolutionizing treatment of chronic myeloid leukemia (CML) by targeting the BCR-ABL fusion protein. It's also used for gastrointestinal stromal tumors (GIST) due to its KIT inhibition.

Would you like me to look up gene interactions for Imatinib, or find clinical evidence from CIViC about specific variants?

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