



## Data Dictionary: RxListener for Drugs

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### 1 Frequency of delivery

lend-Rx files are released every Monday at 12:00:00 PM GMT on Lend-Rx ftp server.

### 2 Overview

We describe in this document the data dictionaries for Lend-Rx Data Feed at the drug level. It is made of three tables : **DrugMetaData**, **DrugOwnerAndPhase**, and **DrugSentiment**.

### 3 DrugMetaData

The **DrugMetaData** table provides static data at the drug level: each Drug is identified by a unique id (**drug\_id**). These meta-data are only provided when available.

Column Name	Description	Format	Example
<b>drug_id</b>	Unique identifier of the drug	long integer	123
<b>drug_moa</b>	Drug's mode of action	string	Polymerase inhibitor
<b>disease</b>	Drug's disease	string	Covid-19
<b>disease_group</b>	Drug's disease group	string	Virus
<b>therapeutic_franchise</b>	Drug's therapeutic franchise	string	Infectious Disease
<b>drug_type</b>	Drug type	string	Nucleoside analog
<b>drug_class</b>	Drug class	string	Antiviral

## 4 DrugOwnerAndPhase

The **DrugOwnerAndPhase** table provides dynamic data at the drug level: for a given date (**validity\_time**) and drug (**drug\_id**), we provide the current phase (**drug\_current\_phase**) of the drug as well as the ticker (**ticker**) of companies developing the drug. This information is provided with a daily frequency.

Column Name	Description	Format	Example
<b>ticker</b>	Ticker of the company developing the drug	string	GILD US Equity
<b>drug_id</b>	Unique identifier of the drug	long integer	123
<b>validity_time</b>	Timestamp for the validity of the information	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 12:00:00 GMT
<b>release_time</b>	Timestamp for the data release	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 12:00:00 GMT
<b>computation_time</b>	Timestamp for the data computation	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 06:01:12 GMT
<b>partnership_role</b>	Nature of Partnership (Lead, Partner)	string	Lead
<b>drug_current_phase</b>	Drug's current phase	string	phase 3

## 5 DrugSentiment

The **DrugSentiment** table provides dynamic data at the drug level: for a given date (**validity\_time**) and drug (**drug\_id**), we provide information coming from social networks. This information is provided with a daily frequency.

<b>Column Name</b>	<b>Description</b>	<b>Format</b>	<b>Example</b>
<b>drug_id</b>	Unique identifier of the drug	long integer	123
<b>validity_time</b>	Timestamp for the validity of the information	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 12:00:00 GMT
<b>release_time</b>	Timestamp for the data release	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 12:00:00 GMT
<b>computation_time</b>	Timestamp for the data computation	yyyy-MM-dd HH:mm:ss zzz	2019-09-23 06:01:12 GMT
<b>volume</b>	Number of daily posts related to the drug	long integer	25
<b>positive</b>	Number of daily positive posts	long integer	10
<b>negative</b>	Number of daily negative posts	long integer	5
<b>neutral</b>	Number of daily neutral posts	long integer	10