Package 'drughelper'

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Type Package

Title Drug Identification and Drug Name Correction with Automatic Actualisations

Version 0.1.0

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Description
  Package DrugHelper is a function which identifies and corrects the names a set of drugs between clinical phases 1-4 and that periodically actualize the available drugs and its synonyms.

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Imports progress,
  utils

Suggests knitr,
  rmarkdown,

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

VignetteBuilder knitr, rmarkdown

R topics documented:

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checkDrugSynonym   *Check for drug synonyms*

Description

  Given an input of drug synonyms, check if those drugs are approved and find a proper more used synonym

Usage

```
checkDrugSynonym(drugVector)
```

Arguments

drugVector   A string vector of undefined length, with Drug names

Value

A dataframe containing: the input drug name, if it is approved or not, drughelper ID and a proper-more used synonym.

Examples

```
checkDrugSynonym(c("Procaine", "Furazosin", "Embelin"))
```

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downloadAbsentFile   *Download data from Chembl*

Description

If it has not been downloaded yet, downloads data of drugs

Usage

```
downloadAbsentFile(dir = tempdir())
```

Arguments

dir   Name of the directory where data is downloaded

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formattingDrugName   *Normalization of drug names*

Description

This function corrects and capitalizes the names of a given vector of drugs.

Usage

```
formattingDrugName(DrugName)
```

Arguments

DrugName   A string with the name of the drug to be normalized

Examples

```
formattingDrugName("morphine")
```

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