

# Package ‘AHMassBank’

December 8, 2023

**Type** Package

**Title** MassBank Annotation Resources for AnnotationHub

**Version** 1.3.0

**Encoding** UTF-8

**Depends** R (>= 4.2)

**Imports** AnnotationHubData (>= 1.5.24)

**Suggests** BiocStyle, knitr, AnnotationHub (>= 2.7.13), rmarkdown,  
methods, CompoundDb (>= 1.1.4)

**Description** Supplies AnnotationHub with MassBank metabolite/compound annotations bundled in CompDb SQLite databases. CompDb SQLite databases contain general compound annotation as well as fragment spectra representing fragmentation patterns of compounds' ions. MassBank data is retrieved from <https://massbank.eu/MassBank> and processed using helper functions from the CompoundDb Bioconductor package into redistributable SQLite databases.

**VignetteBuilder** knitr

**License** Artistic-2.0

**LazyLoad** yes

**BugReports** <https://github.com/jorainer/AHMassBank/issues>

**URL** <https://github.com/jorainer/AHMassBank>

**biocViews** MassSpectrometry, AnnotationHubSoftware

**Roxygen** list(markdown=TRUE)

**RoxygenNote** 7.2.3

**git\_url** <https://git.bioconductor.org/packages/AHMassBank>

**git\_branch** devel

**git\_last\_commit** 5200513

**git\_last\_commit\_date** 2023-10-24

**Repository** Bioconductor 3.19

**Date/Publication** 2023-12-08

**Author** Johannes Rainer [cre] (<<https://orcid.org/0000-0002-6977-7147>>)

**Maintainer** Johannes Rainer <Johannes.Rainer@eurac.edu>

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### Description

Supplies AnnotationHub with MassBank metabolite/compound annotations bundled in CompDb SQLite databases. CompDb SQLite databases contain general compound annotation as well as fragment spectra representing fragmentation patterns of compounds' ions. MassBank data is retrieved from <https://massbank.eu/MassBank> and processed using helper functions from the CompoundDb Bioconductor package into redistributable SQLite databases.

### Author(s)

**Maintainer:** Johannes Rainer <Johannes.Rainer@eurac.edu> ([ORCID](#))

### See Also

Useful links:

- <https://github.com/jorainer/AHMassBank>
- Report bugs at <https://github.com/jorainer/AHMassBank/issues>

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