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OPestTL V1.4 -- the Open Pesticide Transition Library V.2

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1 Works for me

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ABSTRACT

Pesticide residue screening is a critical method for environmental and food safety. Today, disjointed libraries of pesticide transitions can make it challenging to develop new methods between instrument vendors. From the combined experience of thousands of separate pesticide screening assays performed by this author, I have compiled a library of over 4,000 pesticide transitions for various instruments. These transitions are presented here in the form of the Open Pesticide Transition Library (OPestTL) along with optimized transitions and settings for instruments from 5 separate instrument vendors. Exact masses are also provided for screening with high resolution instruments in the form of the 3 most common adducts for these compounds. While a growing work, PestTL represents the single largest open library of pesticide transitions assembled to date. v104 contains corrected declustering potentials for relevant instruments and minor corrections caught during the peer review process.

ATTACHMENTS

[oPestTL_V104.xlsx](#)

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EXTERNAL LINK

<https://proteomicsnews.shinyapps.io/oPestTLv104>

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