chem-bla-ics

InChIKey collision: the DIY copy/pastables

Egon Willighagen 🕞

Published September 17, 2011

Citation

Willighagen, E. (2011, September 17). InChIKey collision: the DIY copy/pastables. *Chem-bla-ics*. https://doi.org/10.59350/pxxek-shz13

Keywords

Inchi

Abstract

About two weeks ago, the ChemConnector blog reported an InChIKey collosion detected by Prof. Goodman . Unlike the previous collision, this one was based solely on the graph and not on stereochemistry.

Copyright

Copyright © Egon Willighagen 2011. Distributed under the terms of the Creative Commons Attribution 4.0 International License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

chem-bla-ics

About two weeks ago, the ChemConnector blog reported an InChIKey collosion detected by Prof. Goodman. Unlike the previous collision, this one was based solely on the graph and not on stereochemistry. The two molecules both have the InChIKey OCPAUTFLLNMYSX-UHFFFAOYSA-N:

The compounds are really different, the molecular formulas are $C_{50}H_{102}O$ and $C_{57}H_{114}O$ respectively. The SMILESes are

I am adding these structures to the pharmbio.org course book and the matching Bioclipse plugin this weekend.