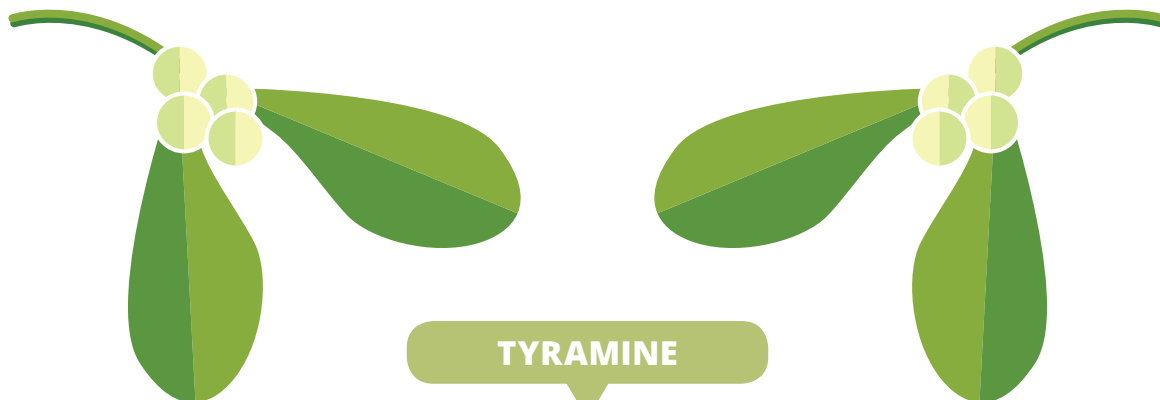


CHEMISTRY ADVENT 2017

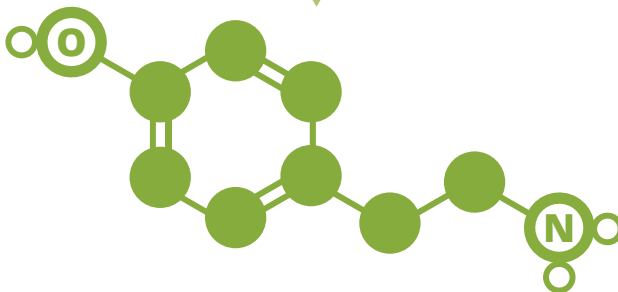
9

POISONOUS MISTLETOE



TYRAMINE

- Carbon
- Oxygen
- Nitrogen
- Hydrogen



Note: hydrogens on carbon atoms implied; each carbon has 4 bonds.

By all means kiss under the mistletoe this Christmas, but don't be tempted to try and eat its berries or leaves. They're mildly toxic if ingested due to the presence of the toxic peptides phoratoxin and viscotoxin, as well as the alkaloid tyramine shown above. While ingesting small amounts of the berries isn't deadly, it can lead to nausea and vomiting.



© Andy Brunning/Compound Interest 2017 - www.compoundchem.com | [@compoundchem](https://twitter.com/compoundchem)
Shared under a Creative Commons Attribution-NonCommercial-NoDerivatives licence.

