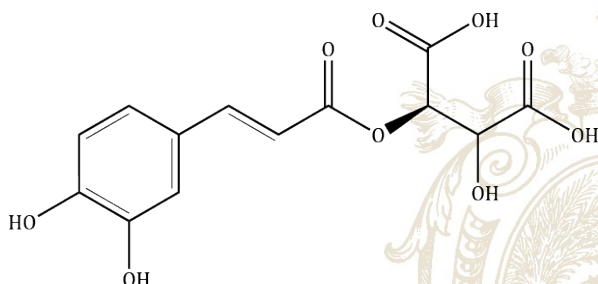




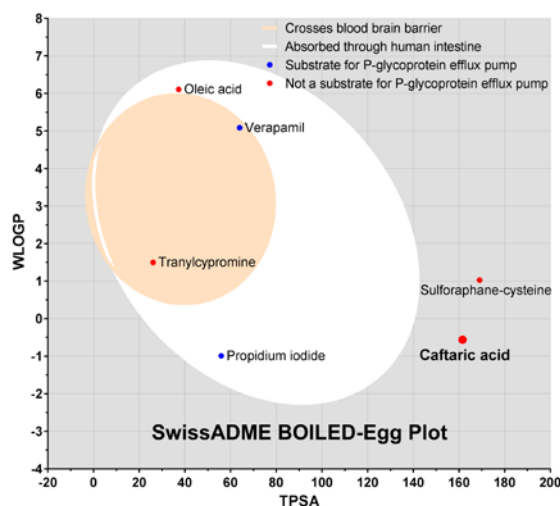
## OliveNet™ Newsletter

### Molecule of the month

#### Caftaric acid



Caftaric acid is a hydroxycinnamic acid, a major class of phenols in grape juice. It is among the most abundant phenolic compounds in white wine, and impacts its colour. As well as white wine, caftaric acid is found in prunes and is also present in olives. Caftaric acid has antioxidant and anti-inflammatory properties, and has been studied for its potential antimicrobial, gastroprotective, and nephroprotective properties.



We analysed caftaric acid using SwissADME and the results indicate that caftaric acid is not absorbed through human intestines, and is predicted to not cross the blood-brain-barrier. The analysis indicates that caftaric acid is not a substrate for the P-glycoprotein pump, and was also shown to not inhibit certain liver isoenzymes.

### OliveNet™ Library

August 15 marks the second anniversary of the launch of the OliveNet™ Library. We would like to thank the subscribers of our newsletter and followers on the Facebook page for being part of the OliveNet community, and strongly encourage feedback and contributions!

### Julia Liang's recipe of the month

#### Birthday Cake

Apart from being a talented McCord Research molecular modelling scholar, Julia Liang is an avid "foodie". To celebrate the second anniversary of the OliveNet Library, this month Julia has prepared a birthday cake. The cake is made with olive oil and white wine, and iced with chocolate frosting – great for any celebration!



[Approximate calculations: Total EVVO = 237 mL (220 g); Serves 12. Per serve = 160 calories (or 8.0% of 2,000 calorie diet), 18.3 g EVVO (or 37% of typical daily recommendation), ~4.6 mg olive polyphenols (assuming 250 mg/kg in average EVVO)]

For further details please see our [OliveNet Library Facebook page](#) and visit [Julia's Cooking Revista](#).

**\* All of Julia's recipes are tried and tested.**

### Upcoming events

ArgOlivia 2019 (Olive Oil Exhibition)  
3 – 6 September 2019; San Juan, Argentina  
<http://www.argoliva.com.ar/>

The National Olive Industry Conference & Trade Exhibition  
17 – 19 October 2019; Albury NSW, Australia  
<https://nationaloliveconference.com.au/>