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Compound Solutions, Inc.  
Kelsey Olanoff  
760-739-9881  
[kolanoff@compoundsolutions.com](mailto:kolanoff@compoundsolutions.com)

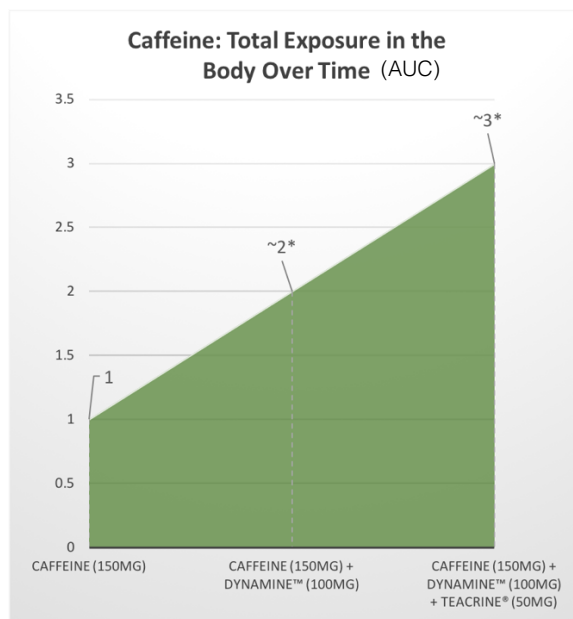
## NEW CLINICAL TRIAL

### Pharmacokinetic Assessment of Methylliberine, Theacrine and Caffeine Interaction\*

Compound Solutions, Inc. and a university research partner have concluded a landmark clinical study demonstrating synergy between methylliberine (as Dynamine®) and caffeine, as well as Dynamine® and TeaCrine® in combination with caffeine.

#### Summary of preliminary findings:

There have been numerous studies on compounds which may enhance the beneficial effects of caffeine on energy, mood/motivation and focus. Recently, a landmark clinical trial was conducted at a major Division I university to investigate methylliberine's potential pharmacokinetic interaction with caffeine and theacrine. Remarkably, researchers discovered that methylliberine extended caffeine's half-life and increased its area under the curve approximately two-fold. The reverse was not true (i.e. caffeine did not alter methylliberine's pharmacokinetics). In addition, researchers also discovered that co-administration of theacrine and methylliberine increased the half-life of caffeine approximately three-fold. Collectively, these data have widespread implications for product formulations that utilize these compounds and suggest that lower doses of caffeine may be used in products containing methylliberine. Future studies are needed to confirm these effects and refine dosage recommendations.



**\*The data suggests an increase in the benefits of caffeine using a lower dose, thereby minimizing any adverse effects.**

The structure/function claims appearing in CSI marketing materials are for informational purposes only. Customers should review relevant data and arrive to their own determinations regarding whether specific structure/function claims are properly substantiated based on their own formulations. Ultimately, the Customer is responsible for the claims that they make on their product(s) and should review all claims with their legal counsel prior to making the claim(s).

\*\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.