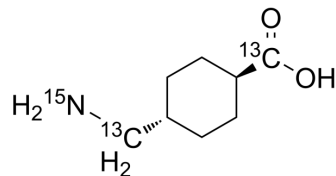


## Tranexamic acid-<sup>13</sup>C<sub>2</sub>, <sup>15</sup>N

Cat. No.:	HY-B0149S3
CAS No.:	1292837-95-6
Molecular Formula:	C <sub>6</sub> <sup>13</sup> C <sub>2</sub> H <sub>15</sub> <sup>15</sup> NO <sub>2</sub>
Molecular Weight:	160.19
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tranexamic acid-<sup>13</sup>C<sub>2</sub>, <sup>15</sup>N (Cyclocapron-<sup>13</sup>C<sub>2</sub>, <sup>15</sup>N) is the <sup>13</sup>C<sub>2</sub> and <sup>15</sup>N labeled Tranexamic acid. Tranexamic acid is an antifibrinolytic agent that alleviates liver damage and fibrosis in mouse models of chronic bile duct injury<sup>[1][2]</sup>.

### REFERENCES

- [1]. Boström J, et al. Potent fibrinolysis inhibitor discovered by shape and electrostatic complementarity to the drug tranexamic acid. *J Med Chem*. 2013 Apr 25;56(8):3273-80.
- [2]. Joshi N, et al. The antifibrinolytic drug tranexamic acid reduces liver injury and fibrosis in a mouse model of chronic bile duct injury. *J Pharmacol Exp Ther*. 2014 Jun;349(3):383-92.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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