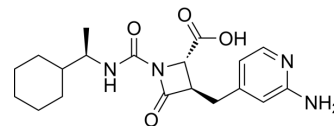


## Frunexian

Cat. No.:	HY-156613
CAS No.:	1803270-60-1
Molecular Formula:	C <sub>19</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	374.43
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Frunexian (EP-7041) is a selective and potent inhibitor of coagulation factor XI/activated factor XI, targeting to factor XIa. Frunexian exhibits antithrombotic activity, with no bleeding liability in rat mesenteric arterial puncture model. Frunexian can be used in extracorporeal membrane oxygenation (ECMO) research <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 7 nM (human Factor XIa) <sup>[1]</sup>

### REFERENCES

[1]. Pollack CV Jr, et al. EP-7041, a Factor XIa Inhibitor as a Potential Antithrombotic Strategy in Extracorporeal Membrane Oxygenation: A Brief Report. Crit Care Explor. 2020 Sep 15;2(9):e0196.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA