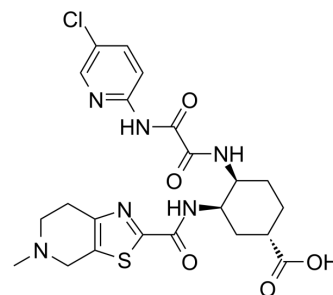


## Edoxaban M4

<b>Cat. No.:</b>	HY-119124		
<b>CAS No.:</b>	834919-19-6		
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>25</sub> ClN <sub>6</sub> O <sub>5</sub> S		
<b>Molecular Weight:</b>	520.99		
<b>Target:</b>	Drug Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (47.99 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9194 mL	9.5971 mL	19.1942 mL
5 mM	0.3839 mL	1.9194 mL	3.8388 mL
10 mM	0.1919 mL	0.9597 mL	1.9194 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Edoxaban M4, an active metabolite of Edoxaban, shows reproducible, but concentration-dependent matrix effects. Edoxaban (DU-176) is a selective, potent and orally active factor Xa (FXa) inhibitor <sup>[1][2]</sup>.

### REFERENCES

- [1]. Romain Siriez, et al. Importance of measuring pharmacologically active metabolites of edoxaban: development and validation of an ultra-high-performance liquid chromatography coupled with a tandem mass spectrometry method. *J Thromb Thrombolysis*. 2020 Apr;49(3):395-403.
- [2]. Kathrin I Foerster, et al. Simultaneous quantification of direct oral anticoagulants currently used in anticoagulation therapy. *J Pharm Biomed Anal*. 2018 Jan 30;148:238-244.

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

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