

## Product Data Sheet

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Product Name: Ciraparantag (PER977)

Cat. No.: GC32473

### Chemical Properties

Cas No. 1438492-26-2

Chemical Name N/A

Canonical SMILES O=C(NCCCN1CCN(CCCNC([C@@H](N)CCCNC(N)=N)=O)CC1)[C@@H](N)CCCNC(N)=N

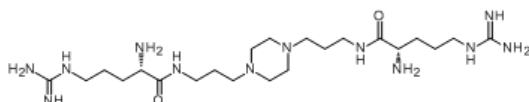
Formula  $C_{22}H_{48}N_{12}O_2$  M.Wt 512.7

Solubility H<sub>2</sub>O :  $\geq 31$  mg/mL (60.46 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

Ciraparantag is a thrombin and factor Xa inhibitors as well as to heparin-based anticoagulants through non-covalent hydrogen bonding and charge interactions. It is reported to antagonize the effects of all coagulants except VKAs and

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

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agratroban. [1][2]

[1]. Arundhati Das et al. Novel antidotes for target specific oral anticoagulants. *Exp Hematol Oncol*, 2015, 4: 25. [2]. Tiffany Y Hu et al. Reversing anticoagulant effects of novel oral anticoagulants: role of ciraparantag, andexanet alfa, and idarucizumab. *Vasc Health Risk Manag*, 2016, 12: 35-44.

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